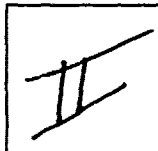


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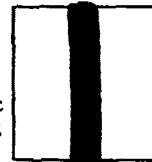
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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

KINGSLEY FIELD OR WBAN #94236
N 42 09 W 121 44 FLD ELEV 4092 FT LMT WMO #

PARTS A-F
POR FROM HOURLY OBS: DEC 67 - DEC 70, JAN 73 - NOV 79
POR FROM DAILY OBS: SEP 59 - NOV 79
TIME CONVERSION GMT TO LST: -8

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 80/065	2. GOVT ACCESSION NO	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Kingsley Field, Klamath Falls , OR		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Kingsley Field, Klamath Falls, OR It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*Oregon **Kingsley Field, Clamath Falls, OR
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
4	Jul 63	1. Rnwy 32 - 1100 ft W of end of Rnwy 2. Rnwy 14 - 900 ft E of end of Rnwy	Same	Same	Same	
5	Sep 64	1. Rnwy 32 - 1050 ft from end in NE direction, 500 ft W of measured point of Center Line. 2. Rnwy 14 - 750 ft SE of end, 600 ft E of measured point of Center Line	Same	Same	Same	
6	Jan 71	Same	AN/GM-20	RO-362	Same	
7	Nov 79	Same	Same	Same	Same	

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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREE RAIN + DRIZZLE	SNOW D/OR -ET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST O VISION	TOTAL NO. OF OBS.
JAN	00-02		6.1	.3	7.2		13.4	20.2	2.7	.3		20.9	930
	03-05		5.8	.2	6.8		12.5	21.7	2.8	.4		22.2	930
	06-08		6.1		8.9		14.7	21.6	2.3	.3		21.9	930
	09-11		5.5		10.5		15.2	18.1	2.0	.3		18.8	930
	12-14		5.0		9.4		14.3	11.3	2.8	.3		12.2	930
	15-17		8.9	.1	8.6	.1	16.8	8.0	1.9	.1		8.6	930
	18-20		6.6		8.9		15.3	10.8	1.7	.4		11.5	930
	21-23		5.9		7.1		12.7	15.2	1.9	.2		15.8	930
TOTALS			6.3	.1	8.4	.0	14.4	15.9	2.3	.3		16.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

56-70,73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		4.8		7.8		11.9	5.9	.3	.1		5.2	846
	03-05		3.8		6.7		10.3	7.1	.6	.6		7.7	846
	06-08		4.7		7.2		11.6	8.5	.4	.2		8.7	846
	09-11		6.9		8.0		13.8	4.5	.1			4.5	846
	12-14		6.0		8.3		12.9	1.5	.1			1.7	846
	15-17		6.1		7.8		12.9	.4		.1		.5	846
	18-20		6.0		6.7		12.6	.7	.1	.1		.8	846
	21-23		5.8		8.9		13.9	2.4	.4			2.4	846
TOTALS			5.5		7.7		12.5	3.8	.3	.1		3.9	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		4.1		6.7		10.1	.9	.1			1.0	930
	03-05		5.6		5.4		10.4	1.8				1.8	924
	06-08	.1	4.7		6.1	.1	10.3	3.0		.2		3.2	929
	09-11		3.7		6.3		10.0	1.1		.3		1.4	929
	12-14		4.7		6.1	.2	10.6	.3		.3		.6	930
	15-17		6.0		5.5		10.9	.2			.1	.3	930
	18-20		5.5		5.1		10.0	.9				.9	929
	21-23		4.4		5.5		9.0	.6	.1			.8	929
TOTALS		.0	4.8		5.9	.0	10.2	1.1	.0	.1	.0	1.3	7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	3.9		3.1		6.7	.4				.4	900
	03-05		3.3		3.3		6.6	1.8				1.8	900
	06-08		2.6		3.4		5.4	1.4	.1			1.4	900
	09-11		2.7		3.1	.1	5.6	.1				.1	900
	12-14		3.7		3.7	.3	7.6						900
	15-17	.4	4.9		2.8		7.4						900
	18-20	.3	3.8		3.8		7.2						900
	21-23		2.3		2.7		5.0	.1				.1	900
TOTALS		.1	3.4		3.2	.1	6.4	.5	.0			.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70, 73-79

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		3.1		.8		3.9						930
	03-05	.1	2.8		1.4		4.2	1.6				1.6	930
	06-08	.1	2.8		1.6		4.0	1.3				1.3	930
	09-11	.2	2.4		.8	.1	3.1						930
	12-14	.9	4.1		.9	.3	5.3						930
	15-17	.9	3.9		1.9	.2	5.9	.1				.1	930
	18-20	1.1	5.4		.6	.1	6.0						930
	21-23		4.5		.3		4.7						930
TOTALS		.4	3.6		1.0	.1	4.6	.4				.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.2	2.8				2.8	.2				.2	900
	03-05		2.3		.3		2.3	2.2				2.2	900
	06-08	.2	2.2				2.2	.8	.1			.9	900
	09-11	.2	2.8				2.8	.1				.1	900
	12-14	1.6	3.2				3.2						900
	15-17	2.7	4.6				4.6						900
	18-20	2.8	4.8				4.8	.1				.1	900
	21-23	1.0	2.8				2.8						900
TOTALS		1.1	3.2		.0		3.2	.4	.0			.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.2	.9				.9						930
	03-05		1.3				1.3	.6	.1			.8	930
	06-08	.2	1.4				1.4	.4				.4	930
	09-11	.1	.5				.5						930
	12-14	.5	.5				.5						930
	15-17	1.4	1.5				1.5						930
	18-20	2.2	1.9				1.9						930
	21-23	.9	1.6				1.6						929
TOTALS		.7	1.2				1.2	.1	.0			.2	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.0	2.7				2.7		.3			.3	930
	03-05	.1	2.6				2.6	1.1	.2			1.2	930
	06-08	.1	2.8				2.8	1.2				1.2	930
	09-11	.1	1.8				1.8	.3	.1			.3	930
	12-14	.8	2.2				2.2		.1			.1	930
	15-17	1.4	3.2				3.2		.1			.1	930
	18-20	1.1	4.0				4.0						930
	21-23	.4	2.6				2.6						930
TOTALS		.6	2.7				2.7	.3	.1			.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		1.6				1.6	1.1	.1			1.2	679
	03-05		.8				.8	2.4	.1			2.6	900
	06-08		1.8				1.8	2.7	.1			2.8	900
	09-11	.1	2.6				2.6	.4	.3			.8	899
	12-14	.2	1.9			.1	1.9						900
	15-17	.2	1.6				1.6						900
	18-20	.2	2.7				2.7		.2			.2	900
	21-23	.1	2.3				2.3		.1			.1	899
TOTALS		.1	1.9			.0	1.9	.8	.1			1.0	7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LSY.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.1	4.6		.1		4.6	1.9	.2			2.2	925
	03-05		5.0		.3		5.1	3.5	.4			3.9	927
	06-08		4.6		1.0		5.2	5.1	.1			5.2	927
	09-11		5.8		.6		6.5	1.7	.3			1.9	927
	12-14		5.8		.4		6.1		.2			.2	927
	15-17	.1	5.7		1.0		6.5						927
	18-20	.3	5.3		1.3		6.1	.2	.3			.5	927
	21-23		5.0		.8		5.2	.3	.3			.6	927
TOTALS		.1	5.2		.7		5.7	1.6	.2			1.8	7415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		8.8		4.1		12.7	9.0	.9	.1		9.9	900
	03-05		7.8		4.7		12.2	13.2	1.3	.3		14.0	900
	06-08		7.4	.2	5.4		13.1	17.3	.6	.3		17.8	900
	09-11		7.1		5.6		12.2	14.1	.4			14.1	900
	12-14		7.1		6.3		13.1	4.4	.6			4.8	900
	15-17	.1	9.4		7.3		15.8	2.7	1.1			3.1	898
	18-20		9.0		5.0		13.6	4.5	.7			4.8	897
	21-23		9.3		4.2		12.9	5.5	.9			6.0	896
TOTALS		.0	8.2	.0	5.3		13.2	8.8	.8	.1		9.3	7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		6.1		7.2		12.6	19.1	1.9	.5		19.7	930
	03-05		4.8	.1	7.8		12.7	20.5	1.1			20.8	930
	06-08		7.0	.2	10.0		16.1	21.1	.9			21.2	930
	09-11		4.7	.1	9.1		13.5	17.5	.3			17.5	930
	12-14		5.8		8.5		14.0	12.2		.3		12.9	930
	15-17		5.8		8.0		13.6	8.4	.2	.3		8.9	928
	18-20		5.1		7.7		12.0	11.1	.5	.4	.1	11.4	927
	21-23		5.8		4.6		10.0	15.0	.6	.4		15.4	927
TOTALS			5.6	.1	7.9		13.1	15.6	.7	.3	.0	16.0	7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70, 73-79

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		6.3	.1	8.4	.0	14.4	15.9	2.3	.3		16.5	7440
FEB			5.5		7.7		12.5	3.8	.3	.1		.9	6768
MAR		.0	4.8		5.9	.0	10.2	1.1	.0	.1	.0	1.3	7430
APR		.1	3.4		3.2	.1	6.4	.5	.0			.5	7200
MAY		.4	3.6		1.0	.1	4.6	.4				.4	7440
JUN		1.1	3.2		.0		3.2	.4	.0			.4	7200
JUL		.7	1.2				1.2	.1	.0			.2	7439
AUG		.6	2.7				2.7	.3	.1			.4	7440
SEP		.1	1.9			.0	1.9	.8	.1			1.0	7197
OCT		.1	5.2		.7		5.7	1.6	.2			1.8	7415
NOV		.0	8.2	.0	5.3		13.2	8.8	.8	.1		9.3	7151
DEC			5.6	.1	7.9		13.1	15.6	.7	.3	.0	16.0	7432
TOTALS		.3	4.3	.0	3.3	.0	7.4	4.1	.4	.1	.0	4.3	87592

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms -- from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WEAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS**
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

94235 KINGSLEY FIELD OR 59-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MON: H	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOC	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		29.7	1.3	36.9	.2	52.3	33.1	9.7	2.7		36.8	620
FEB			30.1		35.5		51.5	15.8	2.8	1.9		18.1	565
MAR		.5	29.0		35.8	.2	48.8	7.8	.7	1.0		9.1	606
APR		1.8	26.2	.2	26.5	1.5	42.3	6.8	.5			6.8	600
MAY		6.5	29.7		10.2	2.1	34.5	5.6			.2	5.8	620
JUN		11.0	25.6		.8	1.0	25.8	5.7	.2			5.8	600
JUL		7.4	12.3			.5	12.4	2.4	.2			2.6	620
AUG		8.1	16.0			.3	16.0	3.9	1.5			4.7	620
SEP		2.9	15.9		.2	.3	15.9	6.0	1.0			6.8	630
OCT		.9	27.1		5.6	.2	28.5	13.2	6.0			16.5	650
NOV		.2	37.0	.5	22.1	.2	47.9	26.7	6.3	.5		28.7	630
DEC		.2	30.0	.6	34.2	.3	51.5	36.8	10.5	2.4		40.6	620
TOTALS		3.3	26.0	.2	17.3	.6	35.6	13.6	3.3	.7	.0	15.2	7381

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PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"0.00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47,	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

94236

KINGSLEY FIELD OR

59-79

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	46.5	17.6	4.8	9.4	6.6	7.9	4.2	2.1	.6					35.6	620	1.83	4.13	.47
FEB	47.0	21.3	4.3	9.9	6.0	7.3	3.4	.5	.4					31.7	564	1.15	2.81	.07
MAR	50.4	17.5	3.5	11.6	5.6	7.1	2.6	1.5	.2					32.1	605	1.17	3.15	.02
APR	56.5	19.7	4.8	9.2	4.0	4.0	1.7	.2						23.8	600	.61	1.59	.04
MAY	64.5	16.3	3.4	5.3	3.1	4.4	2.7	.3						19.2	620	.74	2.67	.13
JUN	73.7	10.3	2.5	3.5	3.3	4.3	1.5	.7	.2					16.0	600	.68	2.03	TRACE
JUL	87.1	7.6	.8	1.8	1.0	1.0	.3	.3	.2					5.3	620	.26	2.16	.00
AUG	83.7	5.5	1.3	3.2	1.3	1.3	2.7	1.0						10.8	620	.64	3.76	.00
SEP	83.2	8.6	.8	1.7	2.1	1.6	1.6	.3	.2					8.3	630	.44	2.31	.00
OCT	70.3	9.4	2.3	4.5	4.2	5.2	2.3	1.2	.6					20.3	650	1.14	4.68	.01
NOV	51.7	14.3	2.9	8.9	4.9	10.6	5.2	1.3	.2					34.0	630	1.64	4.38	.01
DEC	47.7	16.0	3.2	7.6	7.4	10.8	5.2	1.5	.5	.2				36.3	620	1.98	6.65	.19
ANNUAL	63.5	13.7	2.9	6.4	4.1	5.5	2.8	.9	.3	.0				22.8	7379	12.28		

2

[illegible]

1. *Reconstruction of the distribution of the number of events in the interval [0, T] from the observed data.*

YEARS

10

2000

Abstract

C

USAF ETAC FORM 0-00-5 (OLA)

2

(FROM DAILY OBSERVATIONS)

59-79

YEARS

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

94236 KINGSLEY FIELD OR
 STATION STATION NAME

59-79
 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	62.7	16.6	6.0	7.7	2.7	2.1	1.0	1.0	.2					20.6	620	9.2	24.3	.1
FEB	63.5	19.5	6.4	6.7	2.0	1.1	.5	.2		.2				17.0	564	5.2	12.9	TRACE
MAR	63.7	17.3	7.4	7.9	2.0	.8	.2	.3	.2	.2				19.0	606	6.2	17.3	.2
APR	72.7	16.5	5.5	3.8	.2	.7	.3	.3						10.8	600	2.9	13.1	TRACE
MAY	89.8	6.9	1.9	1.1	.2									3.2	620	.5	2.2	.0
JUN	99.2	.5		.3										.3	600	.1	1.2	.0
JUL	100.0														620	.0	.0	.0
AUG	100.0														620	.0	.0	.0
SEP	99.8		.2											.2	630	TRACE	.2	.0
OCT	94.3	3.1	.9	1.1	.3	.2			.2					2.6	650	.9	7.2	.0
NOV	77.6	10.2	3.5	4.3	2.4	1.0	.2	.3	.6					12.2	630	5.9	19.6	.0
DEC	65.6	13.4	5.6	8.9	3.1	1.5	.6	1.0	.3					21.0	620	8.8	17.4	TRACE
ANNUAL	82.4	8.7	3.1	3.5	1.1	.6	.2	.3	.1	.0				8.9	7380	39.7		

USAF ETAC FORM 0-88-5 (OLA)

**C
2**

(FROM DAY OBSERVATIONS)

59-79

2

1997

1

11

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2

1

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1

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

59-79
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	42.5	12.3	12.3	7.1	5.5	13.4	6.5	.5						45.2	620			
FEB	65.5	14.3	7.1	6.2	1.6	3.2	2.1							20.2	585			
MAR	81.0	8.7	3.5	1.8	2.0	1.7	1.2	.2						10.2	606			
APR	93.2	4.5	1.0	.3	.5	.5								2.3	600			
MAY	98.5	1.5	.2											.2	620			
JUN	100.0														600			
JUL	100.0														620			
AUG	100.0														620			
SEP	100.0														630			
OCT	97.8	1.5	.3	.3										.6	650			
NOV	84.3	4.6	4.0	2.1	1.7	2.2	1.1							11.1	630			
DEC	55.0	10.6	12.7	6.5	6.5	5.0	3.7							34.4	620			
ANNUAL	84.8	4.8	3.4	2.0	1.5	2.2	1.2	.1						10.3	7381			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

94235 KINGSLEY FIELD OR
STATION STATION NAME

59-79
YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
59									0	0	0	3	
60	2	1	TRACE	TRACE	TRACE	0	0	0	0	0	8	TRACE	8
61	0	1	1	1	0	0	0	0	0	2	12	5	12
62	14	6	7	0	0	0	0	0	0	TRACE	1	0	14
63	6	0	TRACE	3	0	0	0	0	0	0	TRACE	1	6
64	7	5	2	0	1	0	0	0	0	0	3	2	7
65	6	0	0	1	0	0	0	0	0	0	2	8	8
66	7	1	0	0	0	0	0	0	0	0	2	4	7
67	10	1	16	4	0	0	0	0	0	0	3	7	16
68	8	0	1	0	0	0	0	0	0	0	7	8	8
69	8	11	2	0	0	0	0	0	0	TRACE	0	4	11
70	1	1	12	2	TRACE	0	0	0	0	1	3	6	12
71	5	5	7	1	TRACE	0	0	0	0	2	1	6	7
72	4	4*	0	TRACE	0	0	0	0	0	TRACE	2	8	8
73	5	1	3	TRACE	0	0	0	0	0	0	5	3	5
74	5	2	4	1	0	0	0	0	0	0	0	5	5
75	12	11	1	TRACE	0	0	0	0	0	1	1	3	12
76	2	3	5	0	0	0	0	0	0	0	0	1	5
77	8	2	1	0	TRACE	0	0	0	0	0	5	5	8
78	2	TRACE	0	5	TRACE	0	0	0	0	0	TRACE	3	5
79	2	2	1	0	0	0	0	0	0	0	11		
MEAN	5.7	2.9	3.3	.9	.1	.0	.0	.0	.0	.3	3.1	4.1	8.5
S.D.	3.701	3.313	4.423	1.483	.224	.000	.000	.000	.000	.639	3.623	2.573	3.356
TOTAL OBS.	620	565	606	600	620	600	620	620	630	650	630	620	7381

NOTE * (BASED ON LESS THAN FULL MONTHS)

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PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1966, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

2

SURFACE WINDS

FROM DAILY OBSERVATIONS

66-79

YES

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5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
PERIOD (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.7	1.9	1.2								5.6	7.6
NNE	.9	.5		.2								1.6	4.6
NE	.5	.2	.1									.9	3.4
ENE	.4	.2	.3									1.0	4.8
E	1.3	.5	.1									1.9	3.1
ESE	.6	.3	.5									1.5	5.1
SE	1.8	1.0	1.2	1.3								5.3	7.0
SSE	.9	2.3	2.5	2.0	.4							8.1	8.9
S	.8	1.4	1.4	2.0	.5	.6						6.8	10.7
SSW	.4	.1	.6	.3	.1	.2						1.8	10.2
SW	.4	.5	.1	.4								1.5	7.4
WSW	.6	.9	.2	.1	.1							1.9	5.6
W	.5	.9	.8	.4	.2	.2						3.0	8.9
WNW	.3	.8	.4	.3								1.8	6.6
NW	.8	.8	.4		.1							2.0	5.1
NNW	.6	1.4	.9	.5	.1							3.5	6.7
VARBL													
CALM												51.7	
	11.7	13.4	11.5	8.9	1.6	1.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.5	1.6	.8								5.7	6.7
NNE	1.0	.9	.9	.2								2.0	5.4
NE	.2											.2	2.0
ENE	.4	.3										.8	3.0
E	.9	.8										1.6	3.1
ESE	.3	.9	.2	.1								1.2	5.4
SE	1.3	1.1	1.2	.9	.1							4.5	7.3
SSE	.9	1.1	3.1	2.4	.3	.2						8.0	9.5
S	1.5	1.3	1.5	1.6	.3	.6	.3					7.6	11.1
SSW	.5	.6	.3	.5	.1							2.3	7.3
SW	.2	.3	.4	.3								1.7	6.9
WSW	.2	.4	.2	.3	.1	.1						1.4	9.7
W	.6	.3	.5	.5	.1	.1						2.3	8.3
WNW	.5	.3	.1	.3								1.3	6.4
NW	.9	.2	.5	.3								1.9	5.9
NNW	.4	.6	1.4	.5	.1							3.1	8.3
VARBL													
CALM												54.4	
	10.9	11.3	11.6	8.8	1.6	1.1	.3					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

69-70, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

COMMENTS

SPEED (KNTS) DIRE.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.0	1.8	1.1								5.6	7.2
NNE	.9	.9		.5	.1							2.0	6.8
NE	.4											.4	2.3
ENE	.5	.4	.1									1.1	3.5
E	1.0	.9										1.8	3.6
ESE	1.0	.4	.4									1.8	4.2
SE	1.3	1.4	1.5	.4	.1							5.2	6.1
SSE	1.1	1.7	3.8	2.9	.1	.3						9.9	9.0
S	.9	1.9	.8	.9	1.3	.2						5.9	10.2
SSW	.1	.5	.2	.2	.2							1.4	8.3
SW	.2	.2	.5	.2	.2							1.4	9.2
WSW	.2	.5	.4	.4	.1	.1						1.8	9.9
W	.6	1.0	.2	.8								2.6	7.1
WNW		.6	.1	.2	.1							1.1	7.7
NW	.2	.5	.4									1.2	5.8
NNW	1.2	1.0	1.3	.8								4.2	6.6
VARI													
CALM												52.6	
	10.6	13.9	11.6	8.4	2.3	.6						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.5	2.3	1.0	.1							7.1	6.9
NNE	.1	.2	.1	.6								1.1	9.4
NE	.5											.5	2.2
ENE	.8											.8	2.3
E	.8	.4	.1									1.3	3.8
ESE	1.1	.6	.2									2.5	4.7
SE	2.0	1.8	1.5	.8								6.1	5.9
SSE	1.7	2.4	3.9	3.2	.2	.1						11.5	8.3
S	2.0	1.4	1.4	1.5	.6	.8	.1					7.8	9.7
SSW	.9	.4	.5	.5	.2							2.6	7.7
SW	.3	.6	.3	.8								2.0	8.1
WSW	.3	1.0	.5	.6	.1							2.6	7.8
W	.2	1.0	.5	.9	.3							2.9	9.0
WNW	.5	.3	.4	.2	.1							1.6	6.9
NW	.4	.8	.6	.1								1.9	6.2
NNW	1.0	2.0	1.7	.9								5.6	6.8
VARIABLE													
CALM												42.0	
	14.0	15.5	14.7	11.1	1.7	.9	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.9	.5								5.5	6.6
NNE	.6	.4	.3	.2								1.6	5.7
NE	.1		.1									.2	5.0
ENE	.5	.1	.1									.8	3.3
E	.9	.6	.4									1.9	4.6
ESE	1.7	.6	.1	.2								2.7	3.9
SE	1.1	.5	1.0	.9	.5							4.0	8.7
SSE	1.4	1.6	1.9	2.2	.1	.1						7.3	8.2
S	1.6	2.4	1.5	1.9	1.9	.9						10.2	10.8
SSW	.6	.6	.3	.4	.2							2.3	7.4
SW	.6	.5	.8	1.1	.4							3.4	9.4
WSW	.5	1.2	1.2	1.5	.2							4.6	9.1
W	1.1	.8	2.3	1.0	.4	.1						5.6	8.9
WNW	1.1	.6	.6	1.0	.3	.1						3.8	9.0
NW	1.0	.6	.4	.4		.1						2.6	7.0
NNW	1.6	2.5	2.4	1.1								7.5	6.6
VARBL													
CALM												36.0	
	15.5	15.3	15.4	12.4	4.2	1.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236 STATION KINGSLEY FIELD OR STATION NAME 68-70,73-79 YEARS
JAN MONTH
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	1.7	.3								6.0	5.7
NNE	.4	.2	.8	.1								1.5	6.6
NE	.2											.2	1.5
ENE	.2		.1									.3	3.7
E	.4	.3	.3									1.1	4.7
ESE	.5	.2	.3									1.1	5.1
SE	.5	.9	1.6	.8	.5							4.3	8.6
SSE	1.0	2.0	3.0	1.6	.4							8.1	8.2
S	1.5	1.8	1.4	2.4	1.0	.8	.2					9.0	11.0
SSW	.4	.2	.4	.4	.1							1.6	8.5
SW	.1	.6	.9	.5	.2							2.4	9.8
WSW	.5	.6	1.0	1.3	.1	.1						3.7	9.2
W	1.3	2.2	2.8	1.4	.1							7.7	7.7
WNW	1.2	1.0	1.5	.5	.3							4.5	7.3
NW	1.0	1.3	1.1	.4								3.8	6.3
NNW	1.0	3.1	2.3	1.9								8.3	7.1
VARBL													
CALM												36.5	
	11.6	17.2	19.1	11.7	2.8	.9	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.8	1.1									3.8	5.2
NNE	.5	.3	.2									1.1	3.9
NE	.6	.1	.3									1.1	4.2
ENE	.1	.2										.3	3.3
E	1.0	.5	.2									1.7	3.6
ESE	.6	.9	.6	.1								2.3	5.8
SE	1.1	1.9	1.5	1.3								5.8	7.2
SSE	.4	1.5	2.8	2.2	.3	.3						7.5	9.8
S	1.8	1.8	1.2	1.0	.3	1.0		.1				7.2	9.4
SSW	.4	.8	.4	.4	.2							2.3	8.3
SW	.2	.2	.5	.4		.1						1.5	9.7
WSW	.4	1.3	1.0	.4	.2							3.3	7.5
W	1.5	1.0	1.5	.4								4.4	5.7
WNW	.8	.9	.6	.3	.1							2.7	6.4
NW	1.4	1.0	.8	.2								3.3	4.8
NNW	1.4	1.4	1.4	1.1	.1							5.4	7.0
VARBL													
CALM												46.3	
	13.2	15.6	14.2	7.8	1.3	1.4		.1				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

972

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236 STATION KINGSLEY FIELD OR 68-70,73-79 YEARS JAN MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	1.4	.9	.1							4.4	7.3
NNE	.4	.5	.1									1.1	4.0
NE	.1	.1										.2	3.5
ENE	.2	.4	.1									.8	4.7
E	1.2	.4	.1									1.7	3.1
ESE	.4	.3	.1									.9	3.6
SE	.9	1.2	1.4	1.4	.1							4.9	8.3
SSE	1.3	1.9	3.1	3.9	.2	.1						10.5	9.1
S	1.2	1.7	1.1	1.8	.6	.3	.3					7.1	10.6
SSW	.2	.3	.2	.1	.1							1.0	7.6
SW	.4	.2	.1	.3	.3							1.4	10.2
WSW	.3	1.4	1.1	.4			.1					3.3	7.7
W	.9	1.3	.9	.5								3.4	6.7
WNW	.4	.3	.5	.2	.1							1.6	7.1
NW	1.3	.5	.8	.2	.2							3.0	6.3
NNW	.9	1.2	1.3	.5								3.9	6.4
VARBL													
CALM												50.8	
	11.2	12.8	12.3	10.3	1.8	.4	.4					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.7	.7	.0							5.5	6.7
NNE	.6	.4	.2	.2	.0							1.5	5.8
NE	.3	.1	.1									.5	3.2
ENE	.4	.2	.1									.7	3.6
E	.9	.6	.2									1.6	3.7
ESE	.8	.5	.4	.1								1.7	4.7
SE	1.3	1.2	1.4	1.0	.2							5.0	7.3
SSE	1.1	1.0	3.0	2.5	.3	.1						8.9	8.9
S	1.4	1.7	1.3	1.6	.9	.6	.1	.0				7.7	10.5
SSW	.5	.5	.4	.4	.2	.0						1.9	8.2
SW	.3	.5	.5	.5	.1	.0						1.9	8.9
WSW	.4	.9	.7	.6	.1	.0	.0					2.8	8.3
W	.8	1.0	1.2	.7	.1	.1						4.0	7.7
WNW	.6	.6	.6	.4	.1	.0						2.3	7.4
NW	.9	.7	.6	.2	.0	.0						2.5	5.9
NNW	1.0	1.7	1.6	.9	.0							5.2	6.9
VARBL													
CALM												46.3	
	12.3	14.4	13.8	9.9	2.2	1.0	.1	.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	1.2	.5								6.0	5.8
NNE	.8	.4	.5									1.7	4.4
NE			.1		.1	.2						.5	18.5
ENE	.5			.1								.6	5.0
E	1.1	.8	.5	.2								2.6	5.2
ESE	.3	.8	.2	.1								2.0	4.8
SE	1.1	1.8	1.2	.8	.4							5.2	7.9
SSE	2.1	1.5	2.2	2.2		.2						8.6	8.1
S	2.2	.9	1.4	1.3	.9	.6	.1					7.6	9.7
SSW	.5	.5	.7	.5								2.1	7.1
SW	.9	.2	.4	.1	.1							1.8	5.8
WSW	.2	.8	.6	.5								2.1	7.4
W	.7	.9	1.5	.6	.1	.1						4.0	8.1
WNW	.2	1.1	.4	.4	.1							2.1	7.3
NW	.7	.6	.1	.1								1.5	4.2
NNW	1.4	2.7	1.8	.1								6.0	5.6
VARBL													
CALM												45.5	
	15.0	16.1	12.8	7.6	1.8	1.2	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.1	1.5	1.1								6.3	6.6
NNE	.7	.2		.1								1.1	3.7
NE	.2	.1			.1	.2						.7	13.3
ENE	.4		.1									.5	3.5
E	.8	.5	.1	.4	.1							1.9	6.5
ESE	.7	.8	.6	.2								2.4	5.8
SE	.6	1.4	1.5	1.5	.1							5.2	8.6
SSE	1.3	2.4	2.8	1.8	.4							8.6	7.9
S	.6	2.4	1.5	.8	.9	.1	.1	.1				6.6	9.8
SSW	.4	.5	.4		.1							1.3	6.6
SW	.2	.8	.4	.4								1.8	7.1
WSW	.1	.2	.5	.1								.9	7.3
W	.7	1.5	1.2	.4	.1	.2						4.1	7.9
WNW		.8	.8									1.7	7.2
NW	1.5	1.7	.1	.2								3.5	4.6
NNW	1.5	2.8	2.0	.9								7.3	6.2
VARBL													
CALM												46.1	
	10.4	19.3	13.6	7.9	1.9	.6	.1	.1				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.0	2.0	.2								7.0	5.7
NNE	.6	.1	.2	.4								1.3	6.3
NE	.5			.1								.6	4.4
ENE	.8	.6										1.4	3.4
E	.6	.8	.1		.1							1.7	5.4
ESE	1.4	.6	.1	.2	.1							2.5	5.0
SE	.8	1.4	2.0	2.1	.1		.1					6.6	8.9
SSE	2.0	3.0	3.1	2.6	.2							10.9	7.9
S	1.3	1.8	1.1	.9	.7	.1	.1					6.0	8.9
SSW	.1	.7	.7	.2	.1	.4						2.2	10.6
SW	.2	.9	.5	.1	.2							2.0	7.9
WSW	.5	.8	.6	.5								2.4	6.5
W	.4	.9	.9		.2	.1						2.6	7.6
WNW	.6	.6	.5									1.7	4.8
NW	.8	.7	.4	.1								2.0	4.8
NNW	1.1	1.7	2.4	.9								6.0	6.9
VARB.													
CALM												43.1	
	13.5	17.6	14.5	8.5	1.9	.6	.2					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236 STATION KINGSLEY FIELD OR STATION NAME 68-70,73-79 YEARS FEB MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.8	2.1	.6								7.7	5.6
NNE	.2			.2								.5	8.5
NE	.4	.1	.1	.4	.1							1.1	8.7
ENE	.2	.4	.1									.7	4.7
E	1.1	1.2	.4	.1								2.7	4.4
ESE	2.2	.4	.2									2.8	3.1
SE	1.8	1.5	1.7	3.1	.5	.1						8.5	9.2
SSE	.9	2.7	4.0	3.5	.4	.1	.4					12.1	9.7
S	1.5	2.1	1.9	1.9	1.3	.4						9.1	9.7
SSW	.8	.4	.7	.5	.1	.4						2.8	9.2
SW	.2	.7	.6	.5	.1	.4						2.5	10.5
WSW	.4	.4	.6	1.1	.1							2.5	9.7
W	.5	1.8	1.1	1.4								4.7	8.0
WNW	.7	.5	.6	.4								2.1	6.4
NW	1.2	.6	.9		.1							2.8	5.6
NNW	1.3	2.5	5.9	.7	.1	.1						10.6	7.6
VARB.													
CALM												26.7	
	15.6	18.0	20.8	14.3	2.8	1.4	.4					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	1.1	.5								4.5	5.8
NNE	.2	.4		.4		.1						1.1	8.9
NE	.6	.2	.4		.1	.1						1.4	7.3
ENE	.1		.1	.1								.4	7.7
E	1.4	.9	.7									3.1	4.4
ESE	1.2	.8	.5	.1								2.6	4.6
SE	1.2	1.1	1.2	2.2	.8							6.5	9.7
SSE	.9	2.0	3.8	3.2	1.2							11.1	9.8
S	2.8	2.1	2.5	2.7	1.4	1.8	.1					13.5	11.1
SSW	1.5	.9	1.1	.6	.4	.1						4.6	7.4
SW	.8	.4	1.5	.7	.2							3.4	8.6
WSW	.7	.5	1.5	1.3	.1							4.1	9.1
W	1.2	1.4	2.4	1.7	.9	.1						7.2	9.0
WNW	.6	.7	.9	.9	.2	.2						3.7	9.8
NW	1.4	1.2	.8	.9	.2							4.6	7.1
NNW	1.2	2.7	5.1	1.9	.2							11.1	8.1
VARB.													
CALM												17.1	
	16.9	17.1	23.5	17.3	5.4	2.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.5	2.6	.6		.1						7.4	6.8
NNE	.1	.1	.4	.4	.2	.1						1.3	11.6
NE	.5	.2										.7	3.0
ENE	.5	.2	.1									.8	3.9
E	.5	.6	.6	.6								2.2	7.0
ESE	.5	.4	.1									.9	3.8
SE	.5	.8	1.3	1.2								3.8	8.3
SSE	1.1	2.4	2.7	3.2	.8	.2		.1				10.5	10.0
S	1.5	2.4	3.5	5.1	1.9	.6	.2					15.2	11.0
SSW	.8	1.2	.9	.6	.4							3.9	7.7
SW	1.2	1.8	.1	.9	.2							4.3	6.8
WSW	1.1	.9	2.5	.9	.2							5.7	8.1
W	1.7	1.8	2.5	3.0	.2	.4						9.5	9.0
WNW	.6	.8	1.2	.6	.4	.1						3.7	8.8
NW	1.8	1.1	1.1	.6								4.5	5.8
NNW	1.1	3.7	6.5	1.5	.2	.1						13.1	8.0
VARBL													
CALM												12.4	
	13.8	21.9	26.1	19.1	4.6	1.7	.2	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.9	2.1	.6								7.9	5.8
NNE	.8	.6	.6		.1	.2						2.4	7.1
NE	.4	.2	.1	.2								.9	5.6
ENE	.5	.1	.1									.7	4.0
E	.7	1.1	.6	.1								2.5	5.3
ESE	.5	1.2	.4									2.0	4.9
SE	.8	1.1	2.7	.8	.2							5.7	7.9
SSE	.4	2.6	2.8	3.0	.8							9.6	9.9
S	.9	1.3	3.0	2.4	.7	.5	.1					8.9	10.9
SSW	.5	.7	.6	.7	.4							2.6	8.0
SW	.7	.9	.5	.1								2.2	5.4
WSW	.9	1.4	1.7	.6								4.6	6.8
W	1.3	2.8	2.1	.3		.1						7.2	6.8
WNW	1.5	1.2	.6	.1	.1							3.5	4.8
NW	.8	1.4	.6	.5								3.3	6.0
NNW	1.3	2.2	1.4	.2								5.2	5.7
VARBL													
CALM												30.7	
	13.7	22.5	19.9	10.3	2.1	.8	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

FFB
POINT

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.4	1.4	.2								5.0	5.8
NNE	.6	.2		.1	.1							1.1	6.4
NE	1.3	.1	.4	.1		.2						2.1	6.2
ENE	.4	.5										.8	3.6
E	1.1	.9	.4	.1	.2							2.7	5.7
ESE	.7	1.1	.4	.1								2.2	4.7
SE	1.9	2.0	2.2	1.1	.1							7.3	6.6
SSE	1.5	2.8	2.5	3.0	.4	.1						10.3	8.4
S	1.4	2.1	1.7	1.9	.8	.4						8.3	9.6
SSW	.4	.4	.4	.2	.1							1.4	7.8
SW	.5	1.1	.5	.4	.1							2.5	6.8
WSW	.5	1.1	1.2	.4								3.1	7.2
W	.7	1.3	1.6	.7	.1							4.6	7.6
WNW	.6	.6	.4	.1								1.7	5.4
NW	2.5	.7	.1									2.5	3.8
NNW	1.7	1.2	2.7	.1								5.2	5.6
VARBL													
CALM												39.2	
	15.6	18.4	15.5	8.5	2.0	.7						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

336

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

65-70, 73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONVENTION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.9	1.8	.5		.0						5.5	6.0
NNE	.5	.3	.2	.2	.1	.1						1.3	7.0
NE	.5	.1	.1	.1	.1	.1						1.0	7.5
ENE	.4	.2	.1	.0								.7	4.1
E	.9	.9	.4	.2	.1							2.4	5.4
ESE	1.0	.8	.3	.1	.0							2.2	4.5
SE	1.1	1.4	1.7	1.6	.3	.0	.0					6.1	8.4
SSE	1.3	2.5	3.0	2.8	.9	.1	.0	.0				10.2	9.3
S	1.6	1.9	2.1	2.1	1.1	.5	.1	.0				9.4	10.2
SSW	.6	.7	.7	.4	.2	.1						2.6	8.1
SW	.6	.9	.5	.4	.7	.0						2.6	7.9
WSW	.5	.6	1.1	.7	.1							3.2	7.6
W	.9	1.6	1.7	1.1	.2	.1						5.5	8.1
WWW	.6	.8	.7	.3	.1	.0						2.5	7.1
WNW	1.2	1.0	.9	.3	.0							3.1	5.9
WNW	1.3	2.4	3.4	.8	.1	.0						8.1	7.1
VARL													
CALA												32.6	
	14.3	18.9	18.3	11.7	2.8	1.2	.2	.0				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.9	1.9	.2								5.3	5.8
NNE	.5	1.3	.6	.2	.1							2.8	6.2
NE	.6	.4	.3	.1								1.5	4.9
ENE	.3	.2										.5	2.8
E	1.2	.2	.1									1.5	3.1
ESE	.6	.9	.2									1.7	4.4
SE	.9	1.5	.8	.2	.1							3.4	5.9
SSE	1.2	2.3	2.8	1.6	.5	.2						8.6	8.5
S	1.1	1.2	1.7	.9	.6	.2						5.7	9.0
SSW	.5	.8	.4	.3		.1						2.2	7.3
SW	.5	.2	.5									1.3	5.3
WSW	.4	.5	.6	.6								2.3	7.1
W	.8	2.3	1.4	1.2								5.6	7.2
WNW	.9	1.1	1.1	.6								3.7	6.7
NW	.5	1.0	.9	.1								2.5	6.0
NNW	1.0	1.2	1.4	.3								3.9	6.1
VARBL													
CALM												47.6	
	12.3	16.9	14.9	6.5	1.4	.5						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.1	.3								3.9	5.4
NNE	.5	.8	.4									1.7	5.1
NE	.5		.3	.1								1.0	4.9
ENE	.5	.3	.2									1.1	4.2
E	.6	.5	.2									1.4	3.8
ESE	.4	.5	.3									1.3	4.5
SE	1.3	.6	.3	.3	.1							2.7	5.8
SSE	1.4	.8	2.3	1.4	.3	.1						6.3	8.5
S	.6	1.1	1.7	1.0	1.0	.3						5.7	10.5
SSW	.3	.4	.5	.6	.2		.1					2.3	10.3
SW	.4	.2	.3	.4	.1							1.5	8.6
WSW	.3	.9	1.0	.3	.1							2.6	7.5
W	1.1	2.5	1.4	.8	.3							6.1	7.1
WNW	.8	1.6	1.6	.4								4.4	6.7
NW	.8	1.1	.5	.2	.1	.1						2.8	6.8
NNW	.9	1.3	1.8	.5	.1							4.7	6.9
VARBL													
CALM												50.5	
	11.7	14.1	14.2	6.5	2.4	.5	.1					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	1.5	.1								5.1	5.6
NNE	1.0	.5	.6	.2								2.4	5.7
NE	.4	.3	.2	.2								1.2	6.3
ENE	.6	.6	.3	.1								1.7	4.9
E	1.4	.2	.4	.1								2.2	4.4
ESE	.9	.6	.2									1.7	4.1
SE	1.2	1.6	1.1	.5		.1						4.5	6.6
SSE	1.2	1.4	2.2	1.7	.1	.1						6.7	8.1
S	.6	1.2	2.0	1.9	.9	.4	.1					7.2	11.2
SSW	.4	.4	.4	.3								1.6	6.2
SW	.2	.2	.3	.3		.1						1.2	9.8
WSW	.4	.3	.9	.2								2.4	6.8
W	.8	1.9	2.5	1.4	.1							6.7	7.9
WNW	.6	1.0	1.1	.1								2.8	6.0
NW	.3	.9	1.2	.5								2.7	7.1
NNW	.9	.9	1.3	.6								3.7	7.0
VARBL													
CALM												46.4	
	12.4	14.7	16.0	8.5	1.1	.8	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.6	1.4	.3	.1							4.5	6.2
NNE	.2	.8	1.0	.5	.1							2.6	8.2
NE	.4	.5	.5	.2								1.7	6.3
ENE	.3	.3	.3									1.0	5.0
E	1.9	1.0	.6	.9								4.4	5.9
ESE	1.4	1.1	.2									2.7	3.8
SE	.9	.6	1.6	1.1	.3							4.5	8.8
SSE	1.3	1.9	3.3	2.2	.6	.1						9.5	8.8
S	1.1	1.5	1.1	1.6	.9	1.1		.3				7.5	12.5
SSW	.6	.9	.2	.6	.1	.1						2.6	7.8
SW	.5	1.3	.8	.5	.2	.2	.1					3.7	9.1
WSW		1.3	1.3	1.2	.3	.1						4.2	9.9
W	1.7	1.3	3.2	2.6	.4	.1						9.4	8.8
WNW	.8	1.0	.9	.9	.2							3.7	8.2
NW	.4	1.6	1.8	1.3	.2	.2						5.6	9.1
NNW	.5	1.9	4.1	1.6	.4	.2						8.8	9.0
VARBL													
CALM												23.7	
	13.2	18.6	22.4	15.5	4.0	2.2	.1	.3				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.3	1.0	1.2	.3							5.4	8.2
NNE	.9	.9	.4	1.1	.1							3.3	7.6
NE	.1	.5	.4	.3								1.4	7.6
ENE	.6	.4	.4	.1								1.6	5.2
E	1.5	1.3	.3	.3								3.4	4.8
ESE	1.4	.4	.4	.3								2.6	5.2
SE	1.2	1.7	1.7	1.6	.1	.1						6.5	7.9
SSE	1.0	1.4	1.9	1.2	.2	.2						5.9	8.4
S	1.4	2.8	2.0	1.7	1.6	1.1	.4					11.1	11.5
SSW	1.0	1.2	1.3	1.2	.1	.2	.1					5.1	9.0
SW	1.0	1.5	.8	.5	.2	.2						4.2	7.6
WSW	.9	1.5	1.7	2.7	.4	.2						7.4	10.0
W	.6	2.5	3.7	3.5	.5	.3						11.2	9.9
WNW	1.1	.3	1.0	1.2	.6							4.2	9.9
NW	.5	1.5	1.6	1.4	.6	.2	.1					6.0	10.2
NNW	.8	.9	2.8	3.2	1.0	.3	.1					9.0	11.2
VARBL													
CALM												11.7	
	14.5	21.1	21.5	21.6	5.9	2.9	.8					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	2.5	1.9	.1							6.1	9.1
NNE	.5	1.4	1.4	.5								3.9	6.9
NE	.4	.4	.6	.5								2.0	7.9
ENE	.6	.1	.5	.2								1.5	6.0
E	.3	.4	.2	.1								1.1	5.4
ESE	.2	.3	.1	.2								.9	6.8
SE	.5	1.1	.3	.8								2.7	7.2
SSE	.6	1.7	2.3	.9	.5	.1						6.1	8.9
S	1.1	2.2	1.5	3.9	2.8	1.3	.1					12.8	12.8
SSW	1.0	1.1	.9	.6		.1						3.7	6.8
SW	.6	1.6	1.0	.5								3.8	6.5
WSW	.6	1.6	1.6	2.6		.1						6.6	9.0
W	.8	2.7	4.4	3.5	.9	.2						12.5	9.7
WNW	.9	.9	1.9	4.0	.5	.1						8.3	10.9
NW	.8	1.8	1.8	2.4	.8	.2						8.1	10.0
NNW	.4	1.4	3.5	5.4	1.1	.3	.1					12.3	11.5
VARBL													
CALM												7.8	
	10.1	19.7	24.6	28.4	6.7	2.5	.2					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	2.0	.3								6.0	6.0
NNE	.1	1.2	.9									2.2	6.0
NE	.2	.1	.5	.3								1.2	7.8
ENE	.9	.8	.2									1.5	4.4
E	1.2	.4	.6									2.3	4.2
ESE	.8	.4	.3									1.5	4.4
SE	.5	.9	.4									1.8	4.9
SSE	.6	1.5	2.3	1.3	.1	.1						5.9	8.6
S	.9	1.2	2.3	3.4	1.4	.4						9.6	11.6
SSW	.6	1.3	.5	.4								2.9	6.1
SW	.4	.8	.4	.3								1.9	6.3
WSW	.3	.9	1.1	.5								2.8	7.3
W	1.2	4.2	3.7	1.9	.3							11.3	7.7
WNW	1.8	2.4	3.1	1.7	.3							9.4	7.7
NW	.8	3.1	3.1	1.1	.3							8.4	7.6
NNW	1.2	3.2	2.8	2.9	.4							10.5	8.5
VARBL													
CALM												20.8	
	12.7	24.4	24.3	14.3	2.9	.5						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.2	1.7	1.1	.8	.1							4.8	6.4
NNE	.6	1.3	.9	.1								2.9	5.4
NE	.4		1.1	.1								1.6	7.0
ENE	.5	.6	.1	.1								1.4	4.5
E	1.3	.2										1.5	2.6
ESE	.6	1.4	.1									2.2	4.3
SE	.6	1.0	1.3	.6								3.6	7.2
SSE	1.1	1.6	2.5	.9	.3	.1						6.5	8.0
S	1.1	2.2	1.6	1.7	.8							7.3	8.6
SSW	.6	1.4	.5	.1	.4							3.1	7.2
SW	.5	.6	.8	.1								2.0	6.2
WSW	.9	.9	.5	.2								2.5	5.8
W	1.4	1.5	1.4	.6								5.0	6.1
WNW	1.2	2.0	2.6	.8	.1							6.7	7.0
NW	1.6	1.6	1.6	.4	.1							5.4	5.8
NNW	1.1	1.3	1.7	1.5	.1							5.7	7.8
VARBL													
CALM												37.9	
	14.9	19.4	17.8	8.1	1.9	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	1.6	.6	.1							5.1	6.7
NNE	.6	1.0	.8	.3	.0							2.7	6.5
NE	.4	.3	.5	.2								1.5	6.7
ENE	.5	.4	.3	.1								1.3	4.8
E	1.2	.5	.3	.2								2.2	4.6
ESE	.8	.7	.2	.1								1.8	4.5
SE	.9	1.1	.9	.6	.1	.0						3.7	7.1
SSE	1.0	1.6	2.4	1.4	.3	.1						6.9	8.5
S	1.0	1.7	1.7	2.0	1.2	.6	.1	.0				8.4	11.2
SSW	.6	.9	.6	.5	.1	.1	.0					2.9	7.7
SW	.5	.8	.6	.3	.1	.1	.0					2.4	7.5
WSW	.5	1.0	1.1	1.0	.1	.1						3.8	8.5
W	1.0	2.4	2.7	2.0	.3	.1						8.5	8.4
WNW	1.0	1.3	1.7	1.2	.2	.0						5.4	8.2
NW	.7	1.6	1.5	1.0	.3	.1	.0					5.2	8.2
NNW	.6	1.5	2.4	2.0	.4	.1	.0					7.3	9.2
VARBL													
CALM												30.8	
	12.7	18.6	19.5	13.7	3.3	1.3	.2	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

7429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLE FIELD OR
STATION NAME

68-73, 73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.0	1.8	.2								4.3	6.5
NNE	.6	.7	.1									1.3	4.3
NE	.4	.6	.3									1.3	4.8
ENE	.4	.6										1.0	3.7
E	1.1	1.2	.1									2.4	3.7
ESE	.4	.4	.3									1.2	5.2
SE	1.3	.9	.9	.2								3.3	5.2
SSE	.9	1.7	1.0	.6	.2							4.3	6.8
S	.7	.9	.7	.6								2.8	7.0
SSW	.6	.7	.2		.1							1.6	4.7
SW	.3	.7	.4									1.4	5.4
WSW	.3	1.1	.7	.2								2.3	6.0
W	1.8	4.7	3.4	.8								10.7	6.1
WNW	1.1	2.7	1.2	.3								5.3	5.9
NW	1.1	1.2	1.6	.4								4.3	6.4
NNW	.8	1.1	1.0									2.9	5.3
VARB.													
CALM												49.3	
	12.2	21.0	13.8	3.3	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	.4									2.6	4.4
NNE	.6	.7	.2									1.4	4.3
NE	.7	.2	.1									1.0	3.4
ENE	.2	.7	.1									1.0	4.4
E	.7	.6										1.2	3.3
ESE	.7	.2	.6									1.4	5.5
SE	1.1	1.4	.4	.4	.1							3.6	6.1
SSE	.7	1.3	1.3	.9								4.2	7.3
S	.7	.3	.8	.7	.1							2.6	7.8
SSW	.2	.2	.2	.2								.9	7.4
SW	.3	.6	.7									1.6	5.6
WSW	.6	.3	.9	.1								1.9	6.3
W	2.1	3.3	2.7	.8								8.9	6.2
WNW	1.1	1.4	1.0	.6								4.1	6.1
NW	.9	.7	1.3									2.9	5.6
NNW	.7	1.1	.6	.6		.1						3.0	7.1
VARBL													
CALM												57.8	
	12.1	14.2	11.3	4.2	.2	.1						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	1.1	.1	.1							4.2	5.7
NNE	.6	.3	.6	.1								1.6	5.6
NE	.3	.8	.1									1.2	4.5
ENE		.2	.4									.7	6.7
E	1.4	.4	.2	.2								2.3	4.4
ESE	.8	.3	.1									1.2	3.9
SE	1.2	1.2	.6	1.2	.3							4.6	7.8
SSE	1.3	.8	2.0	.8	.3							5.2	8.0
S	1.4	1.2	1.0	.9	.3							4.9	7.5
SSW	.2	.9	.3									1.4	4.9
SW	.2	.9	.2									1.3	4.6
WSW		.9	.4	.2								1.6	6.9
W	.7	2.8	2.2	1.3	.1							7.1	7.3
WNW	1.4	.9	1.1	.7								4.1	6.1
NW	.6	1.1	.7	.4								2.8	6.4
NNW	.2	1.4	1.7	1.4								4.8	8.6
VARBL													
CALM												51.0	
	11.7	15.9	12.8	7.4	1.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

1PR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

COMMENTS

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.0	2.1	1.2								6.0	7.4
NNE	.8	.3	.9	.1	.1							2.2	6.3
NE	.7	.6	.3	.2								1.8	5.6
ENE	.3	.1	.2	.2								.9	5.3
E	1.3	.9	.3	.1								2.7	4.5
ESE	1.1	.9	.5	.3								3.1	6.0
SE	1.3	.9	.3	1.4	.1							4.1	7.6
SSE	.3	1.0	1.7	1.6	1.0	.2						5.8	11.2
S	2.1	1.7	1.6	1.4	1.4	.8						9.0	10.1
SSW	1.7	.8	1.3	.3		.1						4.2	6.4
SW	1.7	1.1	1.4	.1		.1						4.4	5.8
WSW	1.0	.9	2.2	.3								4.4	6.8
W	1.3	1.8	3.1	2.8	.8	.2						10.0	9.7
WNW	.9	1.2	1.8	1.1	.4							5.4	8.8
NW	1.9	1.6	2.4	1.0	.2							7.1	7.0
NNW	.4	2.1	2.7	3.4	.6							9.2	9.7
VARBL													
CALM												19.6	
	18.6	16.8	23.2	15.8	4.7	1.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

APR
MONTHS

ALL WEATHER
CLASS

1200-1400
GDD (LST)

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.9	2.2	1.2	.6	.1						6.9	8.5
NNE	.6	.7	.9	.7	.1							2.9	7.7
NE	.2	.7	.2	.2								1.3	6.3
NNE	.1	.3	.3	.1								.9	6.1
E	.7	.6	.4	.1								1.8	5.3
ESE	.8	.8	.4	.1								2.1	5.2
SE	.7	.8	.6	.2								2.2	5.7
SSE	.9	1.0	.6	1.0	.9	.2						4.6	10.5
S	1.3	2.4	2.1	2.4	2.1	1.2	.1					11.8	11.5
SSW	1.4	1.4	1.8	1.4	.1							6.2	7.6
SW	1.2	1.8	2.7	.9	.3							6.9	7.8
WSW	.7	1.2	2.0	2.0	.3	.1						6.3	9.9
W	.8	2.9	3.2	4.3	1.7	.1						13.0	10.6
WNW	1.1	2.0	2.1	2.3	.6							8.1	9.1
NW	.4	1.2	2.2	2.7	.6							7.1	10.2
NNW	.8	1.4	3.7	5.6	1.6	.6						13.6	11.6
VARIABLE													
CALM												4.2	
	12.6	21.1	25.5	25.4	8.8	2.3	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

APR
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.8	2.1	3.0	.9							8.1	10.0
NNE	.2	.6	.3	.6								1.7	8.3
NE	.2	.1	.1	.2								.7	7.8
ENE	.2	.1	.3									.7	6.3
E	.1	.4	1.0	.1								2.0	6.6
ESE	.1	.2	.2									.6	7.0
SE	.2	.	.1									.6	4.4
SSE	.3		.6	.3	.3	.2						2.1	10.7
S	.8	1.4	1.7	3.0	1.8	1.0	.1					9.8	12.6
SSW	.7	.3	1.3	.9	.6	.4						4.2	11.1
SW	.1	1.2	1.6	1.3	.2							4.4	9.3
WSW	.1	.7	2.2	2.0	.3							5.3	10.2
W	.	2.0	5.0	6.7	1.0	.2						15.8	10.6
WNW	.4	1.1	1.4	4.3	.6	.1						8.0	11.6
NW	.6	1.3	1.6	5.1	.9	.3						11.8	11.4
NNW	.4	.8	.0	10.8	3.0	.3						20.3	12.6
VAR: L													
CALM												4.0	
	6.8	12.0	26.6	38.3	9.6	2.7	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.9	2.2	.9	.1							6.8	7.1
NNE	.6	.4	.6	.2								1.8	6.4
NE	.2	.4	.2	.2								1.1	6.6
ENE	.2	.1	.1									.4	4.5
E	.1	.3	.6									1.0	6.4
ESE	.4	.2	.1	.1								.9	5.5
SE		.8	.6	.3								1.7	7.7
SSE	.3	.8	.3	.2	.1	.1						1.9	8.4
S	.7	1.1	1.4	2.0	2.0	.3						7.6	12.1
SSW	.2	.2	1.2	.1	.1							1.9	7.6
SW	.1	.7	.3	.1								1.2	6.4
WSW	.6	1.0	1.1	.7	.2							3.6	8.2
W	1.1	4.0	5.8	2.3								13.2	7.7
WNW	.7	4.2	4.6	2.3	.3							12.1	8.0
NW	1.7	5.1	6.2	3.7	.3	.1						17.1	8.2
NNW	1.2	2.7	7.3	5.6	.9							17.7	9.6
VARBL													
CALM												10.1	
	8.8	25.0	32.7	18.8	4.1	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	1.8	.7								5.8	6.3
NNE	.7	1.0	.3	.2								2.2	5.4
NE	.1	.2	.3									.7	6.3
ENE	.9	.4	.1	.1								1.6	4.0
E	1.0	.6	.3									1.9	3.9
ESE	.9	.2	.1									1.2	3.4
SE	.9	1.6	.8	.2								3.4	5.5
SSE	.9	1.0	.8	.8	.1							3.6	7.3
S	.9	1.2	.6	1.3	.3							4.3	8.6
SSW	.4	.4	.4	.4								1.8	7.6
SW	1.2	.8	.6	.1								2.7	4.8
WSW	.9	1.3	.4	.1								2.8	4.8
W	2.2	4.9	2.9	.8								10.8	6.1
WNW	2.1	4.1	2.4	.7								9.3	6.0
NW	2.1	3.8	3.0	.6								9.4	5.9
NNW	1.0	2.4	2.7	.7	.1							6.9	7.0
VARBL													
CALM												31.7	
	17.7	25.9	17.6	6.7	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATE BY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	1.7	.9	.2	.0						5.6	7.4
NNE	.6	.6	.5	.2	.0							1.9	6.2
NE	.4	.4	.2	.1								1.1	5.5
ENE	.3	.3	.2	.1								.9	5.1
E	.8	.7	.4	.1								1.9	4.7
ESE	.7	.4	.3	.1								1.5	5.2
SE	.8	1.0	.5	.5	.1							2.9	6.5
SSE	.7	1.0	1.0	.8	.4	.1						4.0	8.8
S	1.1	1.3	1.2	1.3	1.0	.4	.0					6.6	10.6
SSW	.7	.6	.9	.4	.1	.1						2.8	7.6
SW	.7	1.0	1.0	.3	.1	.0						3.0	6.8
WSW	.5	.9	1.3	.7	.1	.0						3.5	8.0
W	1.4	3.3	3.5	2.5	.4	.1						11.2	8.3
WNW	1.1	2.2	2.0	1.5	.2	.0						7.1	7.9
NW	1.2	2.0	2.6	1.7	.3	.1						7.8	8.2
NNW	.7	1.6	3.1	3.5	.8	.1						9.8	10.2
VARBL													
CALM												28.5	
	12.5	19.0	20.4	15.0	3.7	.9	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	2.4	1.1	.1							6.5	7.2
NNE	1.0	.8	.6									2.4	4.8
NE	.6	.2	.3									1.2	4.5
ENE	.2	.2	.2									.6	5.0
E	.6	.1										.8	2.4
ESE	.5	.3										.9	3.0
SE	.3	.1	.2									.6	4.5
SSE	.6	.4	.5		.1							1.7	5.9
S	.4	1.0	.5	.4	.3							2.7	8.1
SSW	1.0	.2	.1	.1								1.4	3.8
SW	1.0	.2	.1									1.3	3.0
WSW	1.0	.4	.6									2.0	4.5
W	2.9	5.1	1.9	.4								10.3	5.2
WNW	1.8	2.9	1.0	.4								6.1	5.2
NW	1.3	1.1	.5									2.9	4.4
NNW	.9	2.2	1.3	.8								5.1	6.4
VARBL													
CALM												53.5	
	15.2	17.1	10.4	3.2	.5							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.3	2.8	.4								6.8	6.4
NNE	.8	.9										1.6	3.3
NE	.4	.2										.6	3.7
ENE	.3	.3	.1									.8	4.3
E	.3	.1										.4	2.5
ESE	1.3	.1										1.4	2.2
SE	.2	.3	.1									.6	4.5
SSE	.4	.4	.3	.2								1.4	6.4
S	1.1	.8	.2	.2	.2							2.5	5.8
SSW	.3	.2		.1								.6	5.0
SVZ	.9	.8	.2									1.5	4.6
WSW	1.0	1.2	.5									2.7	4.7
W	.8	3.7	1.9	.6								7.0	6.0
WNW	1.7	1.0	.2	.3								3.2	4.6
NW	1.0	1.1	.4									2.5	4.3
NNW	.8	1.3	1.1	.4								3.5	6.3
VARBL													
CALM												62.8	
	12.2	14.5	8.0	2.4	.2							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.0	2.8	.9								8.1	6.6
NNE	1.2	.5	.3	.3								2.4	5.2
NE	.5	.3	.4	.1								1.4	5.5
ENE	1.1	.2	.2									1.5	3.5
E	.6	.1										.8	2.4
ESE	.8	.3										1.1	3.1
SE	.8	.6	.1									1.5	3.4
SSE	1.2	1.1	1.4	.2								3.9	5.8
S	1.0	1.0	.3	.3	.1							2.7	5.9
SSW	.3	.5	.3	.1								1.3	5.6
SW	.4	.3	.5	.2								1.5	6.6
WSW	.6	1.7	.8	.2								3.3	5.8
W	1.5	2.7	1.8	.8								6.8	6.4
WNW	.9	1.4	1.3	.4								4.0	6.4
NW	1.2	1.0	.9	.3								3.3	5.8
NNW	1.0	3.5	3.9	1.2								9.6	7.1
VARBL													
CALM												47.0	
	14.4	18.4	15.1	5.1	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	1.7	.6								6.5	6.0
NNE	2.0	1.5	.9	.4	.2							5.1	5.5
NE	1.3	.6	.9	.4								3.2	6.1
ENE	.4	.6	.3	.1								1.5	5.7
E	1.8	.5	.4									2.8	3.8
ESE	1.1	1.0	.2									2.3	4.0
SE	.9	1.2	.5									2.6	4.8
SSE	1.0	.8	1.0	.4	.2							3.3	7.1
S	2.5	2.2	1.3	1.0	.1	.4						7.4	7.1
SSW	1.3	1.9	.9	.2								4.3	5.0
SW	1.2	1.6	1.1	.3								4.2	5.9
WSW	1.6	3.0	2.3	.8								7.6	6.2
W	2.2	3.3	2.7	1.5								9.7	6.8
WNW	1.7	1.8	1.6	1.0	.2							6.3	6.7
NW	1.9	1.8	2.5	1.1	.1							7.4	7.0
NNW	1.3	3.4	2.9	3.2	.3							11.2	8.3
VARBL													
CALM												14.6	
	23.9	27.7	21.1	11.1	1.2	.4						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	1.5	1.1	.1							6.0	7.1
NNE	1.3	1.2	.3	.2	.1							3.1	5.2
NE	.9	.3	.6	.2								2.0	5.8
ENE	.3	.3	.1	.5								1.3	7.7
E	.9	.8	.6	.2								2.5	5.6
ESE	.2	.5	.2	.1								1.1	5.6
SE	1.0	.4	.6	.2								2.3	5.4
SSE	.3	.9	.2	.1								1.5	5.4
S	1.4	1.3	1.2	1.5	1.2	.6						7.2	10.8
SSW	1.0	2.2	1.2	1.0	.2							5.5	7.5
SW	1.5	2.7	2.0	1.2	.1							7.5	6.8
WSW	1.0	2.3	3.1	.9	.2							7.4	7.5
W	1.4	3.4	5.1	5.8	.8							16.5	9.4
WNW	1.1	1.8	3.1	2.4	.1							8.5	8.7
NW	1.0	3.0	2.8	2.5	.2							9.5	8.1
NNW	1.4	2.6	3.5	4.6	.9							13.0	9.5
VARBL													
CALM												5.2	
	15.6	25.9	26.3	22.5	3.9	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATE LOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.4	2.6	2.4	.3							8.5	8.7
NNE	.5	1.0	1.1	.3	.2							3.0	7.1
NE	.5	.4	.4	.5								1.9	7.5
ENE	.2	.3	.3	.1								1.0	6.3
E	.2	.3	.5	.2								1.3	7.0
ESE	.5	.4	.2									1.2	4.5
SE	.1	.3	.1	.2								.8	7.3
SSE	.2	.3	.1	.6								1.3	6.4
S	1.1	.9	.6	2.2	1.3	.3						6.3	11.4
SSW	.5	.6	.4	.8	.1	.1						2.6	8.5
SW	.3	.5	1.2	1.0								3.0	8.8
WSW	.4	.6	1.2	1.2	.2							3.7	8.9
W	1.3	2.2	4.5	5.2		.1						13.2	9.3
WNW	.8	2.2	4.4	5.3	.6							13.2	10.0
NW	.6	1.7	3.9	4.6	.8	.1						11.7	10.3
NNW	.5	2.2	9.5	10.9	1.8							24.8	10.9
VARBL													
CALM												2.5	
	8.8	16.3	31.1	35.2	5.3	.6						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.4	3.4	2.9	.2							10.9	8.3
NNE	.4	1.2	.9	.5								3.0	6.8
NE	.1	.6	.6									1.4	6.5
ENE	.9	.9	.3									1.7	5.0
E	.2	.4	.4									1.1	5.8
ESE	.2	.1	.1									.5	4.3
SE	.1	.1		.3								.5	9.4
SSE		.4	.2	.8	.1							1.5	10.1
S	.9	.4	1.2	1.6	.6							4.4	10.7
SSW	.2		.8	.1	.1							1.2	8.6
SW		.2	.5	.4	.1							1.3	10.2
WSW	.2	.4	.2	.2								1.1	6.4
W	.9	2.5	4.0	2.8								10.1	8.5
WNW	1.4	3.5	5.5	3.8								14.5	8.1
NW	1.1	4.4	6.0	3.4	.1							15.1	8.1
NNW	1.2	5.5	10.2	10.2	.9							28.0	9.5
VARB													
CALM												3.9	
	8.0	24.5	34.4	27.1	2.2							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	2.5	.8	.3							7.4	7.0
NNE	.5	.8	.6									1.9	5.6
NE	.6	.9	.9									2.4	5.4
ENE	.4	.9	.9									2.2	5.6
E	.4	.2	.1									.8	3.7
ESE	.3	.2										.5	3.4
SE	.8	.2	.1									1.1	3.4
SSE	.9	.8	.6	.4								2.7	6.0
S	1.0	.8	.5	.4	.2							2.9	7.1
SSW	.6		.3	.1								1.1	4.8
SW	1.0	.4	.2									1.5	3.8
WSW	.6	.8	.9									2.3	5.7
W	3.8	4.9	2.3	1.0								11.9	5.4
WNW	2.6	5.2	3.0	.3								11.1	5.8
NW	2.2	5.5	3.0	.3								11.9	5.9
NNW	1.8	3.8	3.2	1.1	.1							10.0	6.6
VARB.													
CALM												28.4	
	18.7	28.8	19.0	4.4	.6							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

6E-70,73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
WIND (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	2.5	1.3	.1							7.6	7.3
NNE	1.0	1.0	.6	.2	.1							2.8	5.6
NE	.6	.5	.5	.2								1.6	5.9
ENE	.4	.5	.3	.1								1.3	5.4
E	.6	.3	.3	.1								1.3	4.6
ESE	.6	.4	.1	.0								1.1	3.8
SE	.5	.4	.2	.1								1.2	5.0
SSE	.6	.6	.6	.3	.1							2.2	6.7
S	1.1	1.0	.7	1.0	.3	.2						4.5	8.9
SSW	.7	.7	.5	.3	.1	.0						2.2	6.4
SW	.7	.8	.7	.4	.0							2.7	6.4
WSW	.8	1.3	1.2	.4	.1							3.8	6.5
W	1.8	3.5	3.0	2.3	.1	.0						10.7	7.4
WWV	1.5	2.5	2.5	1.7	.1							8.4	7.5
NW	1.3	2.6	2.5	1.5	.1	.0						8.0	7.5
NNW	1.1	3.1	4.4	4.0	.5							13.1	8.9
VARB.													
CALM												27.2	
	14.6	21.7	20.7	13.9	1.7	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥54	%	MEAN WIND SPEED
N	1.9	3.3	1.8	.2								7.2	5.3
NNE	1.7	.6	.2	.1								2.6	3.9
NE	.9	.4	.4									1.8	4.4
NNE	.9	.6		.1								1.6	4.1
E	1.1	.2	.1									1.4	3.1
ESE	.9	.3	.1									1.3	3.6
SE	1.1	.2	.1									1.4	3.2
SSE	.3	.2										.6	3.2
S	.7	.7	.1									1.4	4.0
SSW	.9	.3										1.2	2.7
SW	.6	.2										.8	2.6
WSW	.4	.7	.1	.2								1.4	5.3
W	2.7	4.4	1.4	.3								8.9	5.0
WWW	1.7	2.9	.9	.6								6.0	5.3
NW	.8	2.0	.6									3.3	4.7
NNW	.9	1.5	1.0	.1								3.8	5.7
VARIABLE													
CALM												55.2	
	17.3	18.9	6.9	1.7								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNOTS) D'2.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.8	1.4	.4								5.0	5.9
NNE	.7	.2										.9	2.9
NE	.6	.2	.1									.9	3.8
ENE	.4	.4										.9	3.3
E	.4	.4		.1								1.0	4.2
ESE	.4	.1										.6	2.8
SE	.2	.2		.1								.6	4.8
SSE	.7	.1	.2									1.0	3.9
S	.9	.4	.1									1.4	3.5
SSW	1.0	.2										1.2	2.9
SW	.3	.2	.3									.9	5.1
WSW	.2	1.0	.3	.1								1.7	5.5
W	1.0	2.6	1.7									5.2	5.3
W'NW	.9	1.8	1.6	.2								4.4	6.1
NW	.2	.9	.1									1.2	4.7
N'NW	.6	1.2	1.1									2.9	5.8
VARBL													
CALM												70.2	
	9.9	11.9	7.0	1.0								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.9	3.3	1.0								8.7	6.6
NNE	1.0	.8	.3	.1								2.2	4.6
NE	.3	.7	.3									1.3	4.9
ENE	1.0	.4	.2									1.7	3.5
E	1.4	.2										1.7	2.5
ESE	1.3	.8	.1									2.2	3.6
SE	1.6	.4	.2									2.2	3.3
SSE	.7	.8	.2									1.7	4.4
S	.9	.7										1.6	3.5
SSW	.7	.3	.1									1.1	3.3
SW	.2	.4	.2									.9	5.1
WSW	.9	.8	.6	.1								2.3	5.1
W	1.1	2.7	2.8	.9								7.4	6.7
WNW	1.1	1.4	1.0	.1								3.7	5.5
NW	.3	1.1	1.2									2.7	6.3
NNW	1.9	3.3	5.4	.3								11.0	6.4
VARBL													
CALM												47.7	
	15.9	17.8	16.1	2.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	.7	.4	.1							5.1	5.6
NNE	1.1	1.1	.4	.2	.1							3.0	5.8
NE	1.1	1.0	.4	.1								2.7	4.8
ENE	1.3	1.7	.6									3.6	4.3
E	1.4	1.1	.2									2.8	3.8
ESE	1.7	1.8		.1								3.6	4.0
SE	1.6	1.6	.2	.1								3.4	4.5
SSE	1.2	1.6	1.1	.2								4.1	5.6
S	3.7	3.4	1.0	.4		.1						8.7	4.9
SSW	1.9	1.6	.3									3.8	3.9
SW	1.9	2.7	1.0	.3								5.9	5.0
WSW	1.2	1.2	1.3	.3								4.1	6.0
W	2.2	3.0	2.9	1.0	.2							9.3	6.7
WNW	1.8	2.0	1.3	.4								5.6	5.6
NW	3.3	2.7	2.2	.9	.2							9.3	6.1
NNW	2.1	4.6	3.9	1.0	.2							11.8	6.7
VARBL													
CALM												13.3	
	29.0	33.3	17.7	5.7	.9	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.4	1.4	1.6	.3							6.9	7.5
NNE	.7	1.2	1.1	.2								3.2	6.0
NE	.7	.8	.2	.1	.1							1.9	5.5
ENE	.8	.9	.1	.3								2.1	5.4
E	.8	1.7	.3	.3								3.1	5.3
ESE	.7	1.1	.3									2.1	4.6
SE	1.2	1.3	.6	.1								3.2	4.7
SSE	.7	1.0	1.0	.2								2.9	6.0
S	1.3	2.2	2.0	1.0	.4	.1						7.1	7.7
SSW	2.0	2.6	1.4	.7	.2							6.9	6.1
SW	1.0	3.2	1.6	.2								6.0	5.8
WSW	1.6	2.9	1.4	1.9								7.8	6.8
W	1.9	3.2	4.8	4.4	.6							14.9	8.9
WNW	1.2	3.0	2.9	2.8	.1							10.0	8.2
NW	1.2	2.3	3.3	2.2								9.1	8.0
NNW	1.1	2.3	3.0	2.8	.2							9.4	8.8
VARBL													
CALM												3.3	
	18.9	31.2	25.6	18.9	2.0	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	3.0	3.8	.4							10.2	9.5
NNE	.4	.9	.6	.1								2.0	5.7
NE	.2	.4	1.0	.2	.1							2.0	8.0
ENE	.6	.4	.3	.1								1.4	4.7
E	.9	.6	.3									1.8	4.0
ESE	.4	.8	.1									1.3	4.0
SE	.3	.6	.3	.6								1.8	7.9
SSE	.4	.3	.7	.3								1.8	7.1
S	.4	.6	1.3	1.6	.2							4.1	9.8
SSW	.4	.3	.7	.7	.1							2.2	9.0
SW	.9	.7	.8	.4								2.8	6.1
WSW	.4	1.3	2.2	1.4								5.4	8.4
W	.7	2.7	4.8	6.4	.7	.1						15.3	10.0
WNW	.7	1.6	2.6	5.8	.7							11.2	10.9
NW	.7	2.6	4.7	4.4	.1							12.4	9.0
NNW	.4	1.6	.7	11.0	2.0	.2						22.9	11.6
VARBL													
CALM												1.2	
	8.8	17.4	31.0	36.9	4.3	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.7	4.7	3.6	.2							11.9	9.0
NNE	.3	.4	.3	.3								1.4	6.9
NE	.2	.3	.1									.7	4.7
ENE	.2		.1									.3	4.3
E	.6	.3	.3									1.2	4.6
ESE	.1		.1									.2	5.0
SE	.1	.1	.2	.3								.8	9.9
SSE	.1	.1	.2	.2								.7	8.5
S	.1	.7	.4	1.0	.1							2.3	10.0
SSW		.2	.7	.3								1.2	8.6
SW	.3	.4	.2	.3	.1							1.8	7.9
WSW	.3	.6	1.3	.6								2.8	7.7
W	.8	2.6	3.7	2.4	.1							9.6	8.2
WNW	.9	4.8	5.9	3.9	.2							15.7	8.3
NW	1.1	3.3	7.1	3.1	.3							15.0	8.4
NNW	1.6	4.4	11.2	11.7	.9	.2						30.0	9.9
VARBL													
CALM												4.8	
	7.8	21.0	36.7	27.8	2.0	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.0	2.6	.8								8.4	6.0
NNE	1.1	1.6	.2									2.9	4.2
NE	.7	.2	.2									1.1	4.1
ENE	.6	.1	.2									.9	4.1
E	.4	.2	.1									.8	3.7
ESE	.8	.2										1.0	2.7
SE	.3	.8	.2	.1								1.4	5.8
SSE	.3	.1	.6									1.0	5.6
S	1.1	1.0	.2									2.3	3.9
SSW	1.0	.2	.2									1.4	3.7
SW	1.0	.9	.1									1.9	3.7
WSW	1.0	1.0	.6									2.6	4.5
W	4.2	7.1	2.1	.4								13.9	4.9
WNW	2.7	6.8	2.6	.4								12.4	5.2
NW	1.9	6.0	3.0	.4								11.3	5.7
NNW	.7	4.4	3.9	1.1								10.1	7.0
VARBL													
CALM												26.4	
	19.9	33.6	16.8	3.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.5	2.4	1.5	.1							7.9	7.2
NNE	.9	.9	.4	.1	.0							2.3	5.1
NE	.6	.5	.4	.1	.0							1.5	5.2
ENE	.7	.6	.2	.1								1.6	4.3
E	.9	.6	.2	.1								1.7	4.0
ESE	.8	.6	.1	.0								1.5	3.8
SE	.8	.7	.2	.2								1.9	5.1
SSE	.6	.5	.5	.1								1.7	5.7
S	1.1	1.2	.7	.5	.1	.0						3.6	6.4
SSW	1.0	.7	.4	.2	.0							2.4	5.4
SW	.8	1.1	.5	.2	.0							2.6	5.4
WSW	.8	1.2	1.0	.6								3.5	6.6
W	1.8	3.5	3.0	2.0	.2	.0						10.6	7.3
WNW	1.4	3.0	2.3	1.8	.1							8.6	7.4
NW	1.2	2.6	2.8	1.4	.1							8.1	7.3
NNW	1.2	3.0	4.7	3.5	.4	.1						12.7	8.9
VARB													
CALM												27.8	
	15.9	23.1	19.7	12.2	1.2	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.7	2.0									6.3	5.8
NNE	.6	.4	.3									1.4	4.4
NE	.9	.2										1.1	2.6
ENE	.4	.1	.1									.6	3.8
E	.8	.2										1.0	2.6
ESE	.3	.2										.5	3.2
SE	1.0	.3	.1									1.4	3.5
SSE	.6	.2	.1									1.0	3.8
S	.4	.3	.1									.9	3.6
SSW	.1	.5										.6	3.7
SW	.3											.3	2.3
WSW	.6	.3	.1									1.1	3.7
W	2.2	1.7	.5									4.4	3.9
WNW	1.6	1.9	.1									3.7	3.7
NW	1.6	1.2	.3									3.1	3.7
NNW	1.0	1.9	1.7	.2								4.8	5.9
VARBL													
CALM												67.7	
	13.1	13.3	5.6	.2								100.0	1.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	1.6	.1								5.2	5.6
NNE	.3	.2										.5	3.2
NE	.2	.3										.5	3.2
ENE	.4											.4	2.3
E	.9	.1										1.0	2.3
ESE	.3	.1										.4	2.8
SE	.4	.3		.1								.9	4.1
SSE	.4	.2	.1									.8	3.9
S	.3											.3	2.3
SSW	.2	.1										.3	3.3
SW													
WSW	.3	.3										.6	3.7
W	.5	1.0	.2									1.7	4.3
WNW	.4	.2										.6	3.7
NW	.4	.3	.1									.9	4.3
NNW	.3	1.5	2.0	.1								4.0	6.5
VARBL													
CALM												81.8	
	6.8	7.0	4.1	.3								100.0	.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.1	3.5	.3								9.8	5.9
NNE	.6	.5	.1									1.3	3.5
NE	.5											.5	2.0
ENE	.2											.2	2.5
E	.5											.5	2.4
ESE	1.2	.1	.1									1.4	2.9
SE	1.3	.5	.1									1.9	3.3
SSE	1.5	.4	.5	.2								2.7	4.7
S	1.1	.5	.2	.1								1.9	4.2
SSW	.1	.1										.2	3.0
SW	.3	.1										.4	3.1
WSW	.3	.5		.1								1.0	4.6
W	.6	.5	.4	.1								1.7	4.6
WNW	1.3	.3	.4									2.0	3.8
NW	.6	1.1	.4									2.2	4.8
NNW	1.1	2.9	5.7	.5								10.2	7.1
VARBL													
CALM												61.9	
	13.2	11.8	11.6	1.4								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	2.7	.9									5.9	4.3
NNE	1.7	.6	.2									2.6	3.4
NE	1.1	.9	.1									1.9	3.4
ENE	1.0	.4	.1									1.5	3.4
E	1.8											1.8	2.2
ESE	2.4	1.4		.1								3.9	3.1
SE	2.9	1.6	.6	.2								5.4	4.2
SSE	2.9	1.9	.5	.2								5.2	4.5
S	3.9	2.9	1.0	.3	.1							8.2	4.6
SSW	3.2	2.4	.8									6.3	3.8
SW	1.7	1.7	.3	.1								3.9	4.1
WSW	1.1	1.0	.6	.3								3.0	5.6
W	3.0	1.6	.8	.1								5.5	4.0
WNW	2.9	1.2	.6		.1							4.8	4.0
NW	2.3	3.3	1.7	.2								7.5	5.0
NNW	2.8	4.9	4.1	.8								12.6	6.1
VARBL													
CALM												20.0	
	36.6	28.5	12.4	2.4	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

COMMENTS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.6	.6	.4								4.6	5.0
NNE	1.1	.9	.2	.2								2.4	4.7
NE	.3	.5	.1									1.4	3.7
ENE	.6	.4										1.1	3.3
E	1.7	1.6										3.3	3.5
ESE	1.2	1.5	.2	.1								3.0	4.3
SE	2.2	1.7	.2	.1								4.2	4.0
SSE	1.0	1.5	.6	.3								3.4	5.7
S	2.9	3.3	1.9	1.2	.2	.1						6.8	6.6
SSW	2.3	3.8	1.2	.1	.1							7.4	5.1
SW	2.3	4.1	1.0	.3	.1							8.0	4.9
WSW	3.1	2.9	2.7	.8	.1							9.1	5.9
W	2.7	3.9	4.6	2.8								14.0	7.2
WNW	1.7	2.9	2.4	.8								7.7	6.2
NW	2.6	2.7	2.4	.4								8.1	5.5
NNW	1.4	1.8	2.4	1.9								7.5	7.6
VARB.													
CALM												5.9	
	29.1	34.7	20.1	9.5	.5	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-73, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	2.8	2.3	.2							8.3	6.5
NAL	.6	.6	.2									1.5	4.2
NE	1.0	.2	.2	.1								1.5	3.7
NNE	.9	.2	.2									1.2	3.9
E	.5	1.1	.1									1.6	4.1
ESE	.5	.6	.1									1.2	3.6
SE	.9	.3	.2	.1	.1							1.6	5.6
SSE	.9	.5	.5	.1								1.5	5.8
S	.5	1.4	1.6	2.4	.3	.1						6.6	9.4
SSW	.5	1.1	.9	.9	.1							3.6	7.7
SW	1.2	1.2	1.5	.2								4.1	6.0
WSW	1.3	1.7	3.0	.5								6.6	6.7
W	1.5	4.3	5.2	2.6								13.6	7.6
WNW	1.1	3.0	3.9	3.9	.1							11.9	8.5
NW	1.1	2.4	5.1	3.1	.1							11.7	8.4
NNW	.6	3.4	7.9	7.0	.9							19.8	9.9
VARB													
CALM												3.9	
	14.3	23.4	33.4	23.1	1.8	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	3.9	4.7								11.2	9.7
NNE	.2	.5	.4	.2								1.4	6.5
NE	.1	.1	.1									.3	4.3
ENE	.1	.1	.1									.3	6.3
E	.8	.1										.9	2.4
ESE	.1	.1										.2	4.0
SE	.3	.3	.3									1.0	5.4
SSE	.1	.1	.1	.3								.6	9.2
S	.4	.5	1.5	1.0	.1							3.5	8.7
SSW	.2	.6	.1	.1								1.1	5.4
SW	.1	.5	.1	.1								.9	6.5
WSW	.1	.8	.6	.1								1.6	6.5
W	1.0	3.2	2.4	.9	.1							7.5	6.7
WNW	1.1	4.4	4.4	1.4								11.3	7.1
NW	1.1	3.4	8.4	1.9	.1							14.9	7.9
NNW	.6	5.8	20.5	13.3								40.3	9.4
VARBL													
CALM												2.9	
	7.0	22.7	43.0	24.1	.3							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	1.7	.2								6.7	5.5
NNE	.4	.6	.2									1.3	4.4
NE	.4		.1									.5	3.2
ENE	.5	.2	.1									.9	3.3
E	.2	.5	.1									.9	4.0
ESE	.2	.2										.4	4.3
SE	.2	.6	.2									1.1	5.3
SSE	.8	.1	.6									1.5	5.1
S	.6	.6	.2									1.5	4.4
SSW	.3	.4										.8	3.3
SW	.6	.6										1.3	3.8
WSW	1.9	.3	.1									1.9	2.9
W	4.9	4.6	.6	.1								9.9	4.0
WNW	5.8	7.6	2.2	.1								15.4	4.4
NW	2.9	6.2	2.4	.2								11.7	5.0
NNW	1.9	5.0	5.0	1.5								13.3	6.6
VARBL													
CALM												30.9	
	22.2	31.2	13.6	2.2								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
ROWS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	2.1	1.0	.0							7.2	6.7
NNE	.7	.6	.2	.1								1.5	4.3
NE	.6	.3	.1	.0								1.0	3.3
ENE	.5	.2	.1									.8	3.5
E	.9	.4	.0									1.4	3.1
ESE	.8	.5	.1	.0								1.4	3.5
SE	1.1	.7	.2	.1	.0							2.2	4.3
SSE	.9	.6	.4	.1								2.1	5.1
S	1.3	1.2	.8	.6	.1	.0						4.0	6.5
SSW	.9	1.1	.4	.1	.0							2.5	5.0
SW	.6	1.0	.4	.1	.0							2.4	4.9
WSW	1.0	.9	.9	.2	.0							3.1	5.7
W	2.0	2.6	1.8	.8	.0							7.3	6.0
WNW	1.9	2.7	1.7	.8	.0							7.2	5.9
NW	1.6	2.6	2.6	.7	.0							7.5	6.4
NNW	1.2	3.4	6.2	3.2	.1							14.1	8.2
VARBL													
CALM												34.4	
	17.8	21.6	18.0	7.9	.4	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.4	.1								3.3	6.1
NNE	.4	.5	.1									1.1	4.3
NE	1.0		.1									1.1	2.8
ENE	.6	.2										.9	2.5
E	.6	.2	.1									1.0	3.3
ESE	.3	.2										.5	2.8
SE	.9	.3	.1									1.3	3.2
SSE	.9	.4		.2								1.5	4.4
S	.3	.6	.1	.3								1.4	5.8
SSW	.8	.2										1.0	2.4
SW													
WSW	.5	.9	.1									1.2	3.8
W	1.2	1.9	.6									3.3	4.4
WNW	1.1	1.0	.1	.1								2.3	4.0
NW	.4	.5	.4									1.4	4.9
NNW	.6	1.7	.9									3.2	5.1
VARBL													
CALM												75.6	
	10.3	9.2	4.1	.8								100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	1.2									3.5	5.6
NNE	.2	.9	.1									1.2	4.3
NE	.2	.1										.3	3.0
ENE	.5		.1									.6	2.5
E	.5		.1									.6	2.8
ESE	.4											.4	2.3
SE	.4	.3										.8	2.7
SSE	.9	.3	.2	.1								1.5	3.9
S	.8		.2	.1	.2							1.3	6.5
SSW	.4	.3										.8	2.9
SW	.3	.3	.1									.8	3.7
WSW	.4	.4	.2									1.1	5.0
W	.2	1.1	.5									1.8	5.4
WNW		.2										.2	4.0
NW	.1	.4										.5	4.0
NNW	.4	.5	.2									1.2	4.6
VARBL													
CALM												83.3	
	6.3	6.9	3.0	.2	.2							100.0	.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.4	2.6	2.5									6.5	5.7
NNE	.6	.6	.1									1.4	3.8
NE	.8											.8	2.6
ENE	.3	.2										.5	3.4
E	.9	.2										1.1	2.8
ESE	1.3	.2										1.5	2.3
SE	1.8	.4										2.3	2.7
SSE	1.2	.3	.2	.3								2.0	5.1
S	.9	.3	.1		.1							1.1	5.1
SSW	.6											.6	2.2
SW	.4	.4	.1									1.0	3.8
WSW	.1	.5	.3	.1								1.1	6.0
W	.2	1.1	.9	.2								2.4	6.7
WNW	.6	.4	.1									1.2	3.7
NW	.9	1.2	.1	.1								2.3	4.6
NNW	.5	1.9	2.5	.2								5.2	6.7
VARB													
CALM												69.2	
	12.3	10.5	6.9	1.0	.1							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.3	1.3	.1								5.9	4.5
NNE	1.1	.3										1.4	2.8
NE	1.5	.2	.1									1.8	2.6
ENE	1.0	.4	.2									1.6	3.5
E	2.4	.9										3.2	2.7
ESE	2.5	1.1										3.5	3.0
SE	4.0	1.4	.1									5.5	3.1
SSE	1.5	1.6	.8	.4								4.3	5.3
S	3.3	1.9	.8	.8								6.8	4.8
SSW	3.3	.9	.2									4.4	2.9
SW	3.0	2.2	.9	.2								6.2	4.2
WSW	1.4	1.7	.6	.5								4.3	5.6
W	2.2	2.2	1.6	.4								6.3	5.4
WNW	2.2	1.3	.6									4.1	3.9
NW	2.9	2.6	1.3									6.8	4.3
NNW	2.7	3.8	2.9	.5								9.9	5.4
VARB.													
CALM												23.9	
	37.1	24.6	11.4	3.0								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CORRECTION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.7	1.3	.3								5.5	5.0
NNE	1.5	.5	.1									2.2	3.4
NE	.6	.4	.1									1.2	3.5
ENE	.3	.9	.2									1.4	4.5
E	1.8	1.4	.4									3.7	3.8
ESE	1.8	1.5	.1	.2								3.7	4.0
SE	1.9	1.8	.1									3.9	3.6
SSE	1.2	1.7	.5	.4	.1							4.0	5.9
S	2.6	3.7	1.4	1.8	.8							10.2	7.2
SSW	3.4	2.2	1.5	.2								7.3	4.6
SW	3.1	2.5	2.2	.3	.2							8.3	5.6
WSW	1.4	2.7	2.3	1.0		.1						7.4	6.7
W	3.4	2.7	4.2	2.9	.2							13.4	7.5
WNW	2.5	2.0	2.0	1.0								7.5	6.0
NW	1.7	2.4	2.0	.3								6.5	5.8
NNW	1.1	1.9	1.8	.2								5.1	5.9
VARBL													
CALM												8.9	
	30.6	30.0	20.3	8.7	1.3	.1						103.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD CR
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.3	2.0	1.7	.1							5.9	8.1
NNE	.6	.3	.2									1.2	3.9
NE	.9	.4	.1									1.4	3.4
ENE	.4	.9	.2									1.5	4.1
E	1.2	1.0	.1	.1								2.4	4.1
ESE	.9	.4	.1	.1								1.5	4.6
SE	.2	1.0	.3	.2								1.7	6.1
SSE	.2	.9	.8	.5								2.4	7.6
S	1.7	1.0	.9	2.3	.9							6.7	9.5
SSW	1.3	1.0	.6	.5	.1							3.5	6.5
SW	.8	.9	1.0									2.6	5.3
WSW	1.1	1.5	2.4	.5								5.5	6.7
W	2.4	4.1	6.0	3.5								16.0	7.7
WNW	2.4	2.8	5.2	3.8	.4							14.5	8.4
NW	2.5	2.0	5.9	2.0								12.5	7.6
NNW	.4	2.7	8.0	4.3								15.4	9.0
VARBL													
CALM												5.4	
	17.6	22.0	33.8	19.7	1.5							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.9	4.0	1.5								10.9	7.1
NNE	.2	.3	.3	.1								1.0	6.1
NE	.2	.2										.4	3.3
ENE	.1	.1	.1									.3	4.3
E	.2	.4										.6	3.8
ESE	.1		.1	.1	.1							.4	11.3
SE	.6	.4	.1									1.2	4.0
SSE	.3	.3	1.2	.2								2.0	7.4
S	.8	1.0	1.3	1.0	.3							4.3	8.4
SSW	.2	.5	.5	.1								1.4	6.5
SW	.3	.1	.2									.6	4.3
WSW	.2	.5	.6									1.4	5.9
W	.6	3.2	2.2	.3								6.3	6.1
WNW	2.2	5.6	3.2	1.2								12.2	6.1
NW	2.8	7.0	6.3	.9								17.0	6.3
NNW	1.9	7.5	14.9	4.7	.1							29.2	7.9
VARBL													
CALM												10.6	
	12.4	31.2	35.2	10.1	.5							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	.9	.1								4.8	4.9
NNE	.4	.9	.4									1.7	4.9
NE	.6	.4										1.1	3.0
ENE	.5	.1	.1	.1								.9	4.3
E	1.1	.2	.1									1.4	3.0
ESE	.5	.1										.6	2.8
SE	.4	.6										1.1	3.5
SSE	1.2	.2	.8									2.2	5.1
S	1.4	1.0	.1	.4								2.9	4.9
SSW	1.1	.6	.1									1.8	3.2
SW	.5	.3										.9	2.9
WSW	1.0	.8	.1									1.8	3.7
W	4.3	4.1	.2	.1								8.7	3.7
WNW	4.9	4.6	1.5									11.1	4.0
NW	3.0	4.8	1.3	.1								9.2	4.6
NNW	1.6	2.6	2.9	.5								7.6	6.1
VARB													
CALM												42.2	
	24.3	23.7	8.5	1.4								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
MOON (L.S.T.)

CONDITION

SPEED (KTS, DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	1.8	.5	.0							5.8	6.0
NNE	.6	.6	.2	.0								1.4	4.1
NE	.7	.2	.1									1.0	3.0
ENE	.9	.3	.1	.0								1.0	3.7
E	1.1	.5	.1	.0								1.7	3.4
ESE	1.0	.4	.0	.1	.0							1.5	3.6
SE	1.3	.8	.1	.0								2.2	3.5
SSE	.9	.7	.6	.3	.0							2.5	5.7
S	1.4	1.2	.6	.8	.3							4.3	7.0
SSW	1.4	.7	.4	.1	.0							2.6	4.3
SW	1.1	.8	.6	.1	.0							2.5	4.8
WSW	.8	1.1	.8	.3		.0						3.0	6.0
W	1.8	2.9	2.0	.9	.0							7.3	6.3
WWW	2.0	2.2	1.6	.8	.1							6.6	6.0
NW	1.3	2.6	2.2	.4								7.0	5.9
NNW	1.2	2.5	4.3	1.3	.0							9.6	7.2
VARIABLE													
CALM												39.9	
	13.9	19.8	15.4	5.6	.5	.0						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.9	4.2	.3								9.1	6.7
NNE	.8	.7	.2									1.7	4.1
NE	.4	.2	.2									.9	4.0
ENE	.8	.2	.2									1.2	4.0
E	1.1	.6	.1	.1								1.9	3.6
ESE	.6	.2										.8	2.9
SE	.1	.2	.2	.1								.7	6.3
SSE	.4	.8	.2	.6								2.0	6.6
S	.8	.2	.3	.4	.2							2.0	7.8
SSW	.6											.6	2.6
SW	.2	.1										.3	3.3
WSW	.6											.6	2.6
W	1.1	1.7	.7									3.4	4.7
WNW	.8	.4	.8									2.0	5.6
NW	1.1	.8	.3									2.2	4.1
NNW	.8	3.6	2.4	.4								7.2	6.2
VARBL													
CALM												63.4	
	10.8	13.6	10.0	2.0	.2							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.2	4.3	.3								10.8	6.1
NNE	.9	.9	.2									2.0	4.1
NE	.7	.3	.1	.1								1.2	4.3
ENE	.6											.6	2.0
E	.9	.2	.1									1.2	3.3
ESE	.4	.1		.1								.7	4.2
SE	.7	.2		.1								1.0	4.2
SSE	.4	.4	.4	.4	.1							1.9	7.5
S	.3	.6	.3	.8	.1							2.1	9.0
SSW	.1											.1	2.0
SW	.1											.1	3.0
WSW	.2	.3										.6	3.6
W	1.4	.9										2.3	3.3
WNW	.7	.1	.3									1.1	5.2
NW	.7	.1	.4	.1								1.3	5.1
NNW	.4	1.2	2.0									3.7	6.5
VARBL													
CALM												69.3	
	10.4	9.7	8.3	2.0	.2							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.6	4.2	.4								11.1	6.0
NNE	.8	.8		.1								1.7	3.9
NE	1.1	.3	.2									1.7	3.3
ENE	.7	.1	.2									1.0	3.9
E	.7	.1	.2									.9	3.0
ESE	.9	.2	.1									1.2	3.2
SE	1.2	.7	.3	.1								2.3	4.2
SSE	.8	.4	.4	.3	.3							2.3	7.3
S	.8	.1	.2	.4								1.6	7.1
SSW	.2	.3										.6	3.8
SW	.2	.3	.1									.7	4.3
WSW	.3	.2	.4									1.0	5.6
W	.8	.9	.6	.1								2.3	5.2
WNW	.7	.3	.6									1.6	4.9
NW	.9	.3	.3									1.6	4.1
NNW	1.0	2.0	3.0	.2								6.2	6.7
VARBL													
CALM												62.3	
	12.9	11.8	10.9	1.8	.3							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.4	2.9	.2								8.6	5.1
NNE	.7	.7	.8	.4								2.6	6.7
NE	.9	.4	.2	.1								1.7	4.3
ENE	.7	.1	.4	.1								1.3	5.4
E	2.0	.7	.8	.2								3.7	4.7
ESE	1.6	.4										2.0	2.8
SE	2.0	1.0	.9	.6	.1							4.6	5.4
SSE	1.4	.8	1.1	1.1								4.4	7.0
S	3.1	1.7	.6	.4		.2						6.0	5.1
SSW	1.9	.6	.2	.2								2.9	4.0
SW	1.1	1.1	.1	.2								2.6	4.5
WSW	.9	.8	.9	.2								2.8	5.8
W	2.4	.6	1.4	.9								5.3	6.0
WNW	1.4	1.9	.3									3.7	4.2
NW	2.0	3.0	2.0	.4								7.5	5.6
NNW	2.6	5.7	5.7	.8	.2							14.9	6.4
VARBL													
CALM												25.6	
	27.7	21.8	18.4	6.0	.3	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.2	.7	.2								5.7	4.5
NNE	1.0	.7	.6	.3								2.6	5.5
NE	.8	.3	.3									1.4	4.5
ENE	1.0	1.0	.1	.2								2.3	4.3
E	1.3	1.1	1.0	.2								3.7	5.4
ESE	1.0	.9	.1	.1								2.1	4.3
SE	1.4	1.0	.8	.3								3.6	5.5
SSE	1.2	1.0	.7	.3	.1	.2						3.6	7.2
S	2.6	2.4	1.4	1.2	1.0	.2						8.9	7.9
SSW	2.2	2.2	.8	.6								5.8	5.1
SW	2.6	3.0	1.3	.1								7.0	4.7
WSW	2.8	2.0	1.7	1.2								7.7	5.9
W	2.7	4.3	3.3	2.1	.2							12.7	7.0
WNW	1.8	1.4	1.1	.4								4.8	5.7
NW	2.7	1.7	2.0	1.4	.1							7.9	6.7
NNW	1.1	2.6	3.4	1.6								8.7	7.5
VARBL													
CALM												11.8	
	28.7	27.9	19.3	10.4	1.4	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM
JUN 71

0-8-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.3	2.8	2.0	.1							8.0	7.9
NNE	1.8	.6	.4	.3								3.1	4.8
NE	.2	.4	.2	.3								1.2	7.2
ENE	.4	.6	.6									1.6	5.5
E	1.0	.7	.8	.2								2.7	5.4
ESE	.4	.6		.1								1.1	4.5
SE	.8	.7	.1	.3								1.9	4.9
SSE	.4	.6	.3	1.3	.1							2.8	9.6
S	1.2	1.2	1.2	2.0	.8							6.4	9.4
SSW	1.4	1.4	.6	.6	.1	.1						4.2	6.3
SW	1.0	1.6	.9	.4								3.9	5.9
WSW	1.0	1.4	2.3	.6								5.3	6.8
W	1.3	3.1	5.4	3.0								12.9	8.1
WNW	1.4	1.0	4.0	2.2								8.7	8.2
NW	1.1	2.7	5.2	2.0	.2							11.2	8.1
NNW	1.2	4.6	6.9	4.9	.7							18.2	8.7
VARBL													
CALM												6.8	
	16.7	22.3	31.8	20.3	2.0	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	6.3	3.6	1.1	.1							12.8	6.4
NNE	.7	.4	.6	.1								1.8	5.1
NE	.7	.4	.6									1.7	4.7
ENE	.3	.6	.3	.2								1.4	6.1
E	.6	.8	.2	.1								1.7	5.0
ESE	.2	.3		.1								.7	5.8
SE	.1	.8	.4									1.3	5.3
SSE	.4	.9	.9	.4								2.7	6.8
S	.8	1.2	1.6	.8	.3							4.7	8.0
SSW	.4	.8	.2									1.4	4.2
SW	.4	.4										.9	3.5
WSW	.2	.3	.4	.2								1.2	7.5
W	1.6	4.2	1.9									7.7	5.4
WNW	2.4	2.2	2.0	.4	.1							7.2	5.6
NW	1.7	4.7	4.1	.6	.1							11.1	6.4
NNW	2.6	7.8	8.2	2.0	.1							20.7	6.7
VARBL													
CALM												21.1	
	14.8	32.2	25.0	6.1	.8							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.0	2.1									6.0	5.5
NNE	.4	.4		.1								1.0	4.6
NE	.6	.6	.3	.1								1.6	5.5
ENE	1.2	.7	.9	.2								3.0	5.1
E	1.9	.6										2.4	3.0
ESE	1.0	.2	.1									1.3	3.0
SE	1.6	.7	.4	.1								2.8	4.1
SSE	1.0	.9	.6	.3								2.8	5.8
S	.7	.6	.1		.2							1.6	6.0
SSW	.7	.8										1.4	3.5
SW	1.1	.4										1.6	2.9
WSW	.4	.6	.2									1.2	4.5
W	2.4	1.7	.8		.1							5.0	4.4
WNW	1.3	2.0	.7	.2								4.2	4.7
NW	1.7	1.8	.8									4.2	4.4
NNW	1.8	2.3	3.8	.1								8.0	6.0
VARBL													
CALM												51.8	
	19.7	16.1	10.8	1.2	.3							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KMTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.4	3.1	.6	.0							9.0	6.1
NNE	.9	.6	.3	.2								2.0	5.0
NE	.7	.4	.3	.1								1.4	4.7
ENE	.7	.4	.3	.1								1.6	4.8
E	1.2	.6	.4	.1								2.3	4.5
ESE	.8	.4	.0	.1								1.2	3.7
SE	1.0	.7	.4	.2	.0							2.3	5.0
SSE	.8	.7	.6	.6	.1	.0						2.8	7.2
S	1.3	1.0	.7	.8	.3	.1						4.2	7.6
SSW	.9	.8	.2	.2	.0	.0						2.1	4.8
SW	.8	.9	.3	.1								2.1	4.7
WSW	.8	.7	.8	.3								2.5	6.0
W	1.7	2.2	1.8	.8	.0							6.5	6.3
WNW	1.3	1.2	1.2	.4	.0							4.2	6.0
NW	1.5	1.9	1.9	.6	.1							5.9	6.3
NNW	1.4	3.7	4.4	1.3	.1							10.9	7.0
VARBL													
CALM												39.0	
	17.7	19.4	16.8	6.2	.7	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

OCT

MORNING

0000-0200

MOVES (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.9	1.9	.2								5.7	5.5
NNE	.6	1.0	.1	.1								1.8	4.2
NE	.5	.1	.4									1.1	4.7
ENE	.5	.2										.8	2.6
E	.6	.3										1.0	3.1
ESE	.4	.5										1.0	3.3
SE	1.1	.8	.5		.1							2.5	5.1
SSE	.6	1.2	1.4	.5	.2	.2						4.2	8.3
S	.4	1.6	.4	.6	.2							3.3	7.4
SSW	.2	.4		.1								.8	4.9
SW	.2	.4	.1	.1								.9	5.3
WSW	.5	1.1	.5	.2								2.4	6.0
W	.2	1.3	1.0	.5								3.0	7.4
WNW	.5	.4	.4									1.4	4.9
NW	1.0	.6		.1								1.7	4.0
NNW	.9	2.1	2.7	.2								5.8	6.4
VARBL													
CALM												62.6	
	10.2	14.0	9.6	2.8	.5	.2						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	1.9									6.0	5.3
NNE	.4	1.1	.1									1.6	4.6
NE	.8	.1	.1									1.0	3.0
ENE	.5		.1									.6	3.3
E	.8	.2	.1									1.1	3.2
ESE	.6	.5	.2									1.4	4.1
SE	.5	.9	.6	.2	.1							2.4	7.0
SSE	.3	.6	1.2	.5	.1							2.8	8.3
S	.8	.8	.8	.5	.5	.1						3.5	9.2
SSW	.4	.2	.5									1.2	5.8
SW	.2	.5	.1									.9	4.6
WSW	.2	1.1	.8	.5								2.6	7.3
W	.6	.9	.8	.2								2.5	6.1
WNW		.1	.2	.1								.4	9.8
NW	.2	.3	.3									.9	5.6
NNW	1.2	1.8	1.9	.1								5.1	5.6
VARBL													
CALM												66.1	
	9.4	11.5	9.8	2.3	.8	.1						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0600-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.6	1.8	.2								5.7	5.2
NNE	.5	.5	.1									1.2	3.5
NE	.5											.5	2.0
ENE	.4	.2										.6	3.0
E	.6	.4										1.1	3.4
ESE	1.1	.2										1.3	2.8
SE	.8	.5	.2	.2								1.7	5.2
SSE	1.3	.8	1.2	.8	.2	.1						4.3	7.9
S	.4	.4	.3	.3	.8	.1						2.4	11.5
SSW	.2	.3			.1							.6	6.2
SW	1.1	.4	.4									1.9	4.3
WSW	.8	.3	.9	.2								2.2	6.6
W	.9	.9	.9	.3	.1							3.0	6.5
WNW	.4	.3	.2									1.0	4.4
NW	.3	.1	.5									1.0	5.7
NNW	1.3	1.6	2.5	.1								5.5	5.9
VARB													
CALM												65.9	
	12.7	8.7	9.1	2.2	1.2	.2						100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.8	1.1	.2								5.8	5.0
NNE	1.1	.6	.2	.2								2.2	4.6
NE	.2	.1	.1									.4	4.5
NNE	1.4	.4	.4	.1								2.4	4.1
E	.6	.5	.2									1.4	4.0
ESE	.3	.5	.2	.1								1.2	5.5
SE	1.3	.5	.5	1.2								3.6	7.5
SSE	1.2	.8	1.3	1.1	.2	.2						4.6	8.2
S	1.9	1.2	.8	1.1	1.0	.1						6.0	8.9
SSW	.2	1.0	.2	.3								1.7	6.3
SW	.8	.9	.6	.2								2.5	5.9
WSW	.5	1.0	.9	.4	.2							3.0	7.2
W	1.2	1.8	1.3	1.4	.1							5.8	7.4
WNW	1.6	.5	.2									2.4	3.4
NW	1.8	1.9	2.0	.3								6.1	5.6
NNW	2.7	3.8	6.0	.5								13.1	6.2
VARIABLE													
CALM												37.8	
	18.7	18.4	16.2	7.2	1.5	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.0	.6	.3								5.0	4.7
NNE	.9	.8	.2	.3								2.2	5.1
NE	1.1	.4	.2	.1								1.8	4.2
NNE	.5	.2	.3	.1								1.2	5.0
E	1.3	.8	.3	.1								2.5	4.2
ESE	1.2	.2	.3	.2								1.9	4.6
SE	1.2	.1	.8	.6								2.7	6.5
SSE	1.7	.8	.9	.5	.8	.3						4.9	9.0
S	2.5	1.8	1.0	1.8	.9	.2	.1	.2				8.5	9.4
SSW	1.9	1.1	1.0	.5	.2	.1						4.9	6.7
SW	1.7	1.3	.9	.3	.1							4.5	5.2
WSW	1.4	1.1	1.0	1.8	.3							5.6	8.3
W	2.7	2.0	2.6	2.7	.3							10.4	7.6
WNW	2.6	1.0	.6	.5								4.7	4.7
NW	1.8	2.6	2.2	.4								7.0	5.8
NNW	2.0	3.8	2.8	1.7								10.1	6.5
VARIABLE													
CALM												22.1	
	26.8	20.0	15.3	12.3	2.6	.6	.1	.2				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.3	1.4	.2								6.1	4.9
NNE	.6	.5	.4	.6								2.3	7.2
NE	.2	.9	.6									1.7	5.8
ENE	.1	.2										.3	4.3
E	.3	.3	.4									1.1	5.7
ESE	.2	.2	.1									.5	4.4
SE	.2	.4	.8		.1							1.5	7.4
SSE	.5	.5	1.0	1.8	.2	.2						4.3	10.7
S	1.3	1.2	1.3	3.0	.2		.2					7.2	9.9
SSW	1.5	.3	.6	.5								3.1	6.0
SW	1.0	.9	.8	.4								3.0	5.8
WSW	1.4	1.9	2.3	.6	.2							6.5	6.9
W	1.6	1.4	4.3	1.8	.2							9.4	8.0
WNW	1.6	3.0	1.5	1.1	.1							7.3	6.4
NW	1.6	3.1	3.0	1.4	.1							9.3	7.0
NNW	1.8	6.4	7.3	2.8								18.3	7.2
VARBL													
CALM												17.9	
	16.4	23.6	26.0	14.5	1.2	.2	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.1	1.3									6.9	4.8
NNE	.9	1.3	.5	.1								2.8	5.0
NE	.5	.5	.1	.2								1.4	5.3
ENE	.4	.1	.3									.9	4.8
E	1.1	.5	.4									2.0	4.2
ESE	.6	.5										1.2	3.5
SE	1.1	1.0	.6	.4	.2							3.3	6.4
SSE	.5	.4	1.2	.9	.2							3.2	8.6
S	.6	1.0	1.8	1.1	.3	.2						5.1	9.4
SSW	.3	.3	.9	.1								1.6	6.6
SW	.3	.1	.6	.1								1.2	7.3
WSW	.3	.8	1.3	.1								2.5	6.9
W	1.9	1.5	1.7	.8								5.9	5.8
WNW	2.6	2.8	1.0	.2								6.6	4.5
NW	1.0	3.8	1.9	.3	.1							7.1	6.0
NNW	2.2	4.1	2.0	.6								9.0	5.8
VARBL													
CALM												39.1	
	16.0	22.9	15.9	5.0	.9	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	.8									4.6	4.4
NNE	1.3	.4	.9									2.6	4.8
NE	.4	.9	.1									1.4	4.1
ENE	.2	.6	.2									1.1	4.9
E	1.0	.9	.2									2.0	3.6
ESE	.4	.3	.1									.9	4.3
SE	.5	.4	.5	.5								2.0	7.1
SSE	.6	.8	1.2	.8	.3	.1						3.8	9.1
S	.8	.8	1.6	.6	.1	.1						4.0	8.0
SSW	1.0	.3	.1	.1								1.5	3.8
SW	.5	.3	.3									1.2	4.5
WSW	.3	.5	.3									1.2	5.3
W	1.6	1.5	1.1	.6								4.9	5.9
WNW	1.9	1.1	.6	.3	.2							4.2	5.4
NW	1.5	.9	.3	.1								2.8	4.2
NNW	1.1	2.2	1.0	.3								4.5	5.6
VARBL													
CALM												57.3	
	14.9	14.1	9.4	3.5	.6	.2						100.3	2.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236 STATION KINGSLEY FIELD OR 68-70, 73-79 YEARS OCT MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.4	1.4	.1								5.7	5.0
NNE	.8	.8	.3	.2								2.1	5.0
NE	.5	.4	.2	.0								1.2	4.4
ENE	.5	.3	.2	.0								1.0	4.1
E	.8	.5	.2	.0								1.5	4.0
ESE	.6	.4	.1	.0								1.2	4.1
SE	.8	.6	.6	.4	.1							2.5	6.6
SSE	.9	.7	1.1	.9	.3	.1						4.0	8.8
S	1.1	1.1	1.0	1.1	.5	.1	.0	.0				5.0	9.2
SSW	.7	.5	.4	.2	.0	.0						1.9	6.0
SW	.8	.6	.5	.1	.0							2.0	5.4
WSW	.7	1.0	1.0	.5	.1							3.2	7.1
W	1.3	1.4	1.7	1.1	.1							5.6	7.1
WNW	1.4	1.2	.6	.3	.0							3.5	5.2
NW	1.2	1.7	1.3	.3	.0							4.5	5.9
NNW	1.6	3.2	3.3	.8								8.9	6.4
VARBL													
CALM												46.1	
	15.6	16.7	13.9	6.2	1.2	.3	.0	.0				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 7415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.2									2.0	4.7
NNE	.6	.3	.4	.1								1.4	6.3
NE	.1	.2	.2									.6	5.8
ENE	1.0	.1										1.1	2.3
E	1.2	.3	.1									1.7	2.9
ESE	.6	.4	.3	.2	.1							1.7	6.6
SE	.9	.9	1.7	1.4								4.9	7.9
SSE	.8	1.0	1.7	1.2	.1							4.8	8.0
S	.7	2.0	1.4	.7	.8	.2	.1					5.9	9.5
SSW	.2	.3	.6	.3		.1	.1					1.7	10.2
SW		1.6	.4	.3	.1							2.4	7.5
WSW	1.1	.7	.6	.3								2.7	5.6
W	.9	1.2	2.0	.4								4.6	7.0
WNW	.3	.6	.3	.1								1.3	5.7
NW	1.1	.3	.4									1.9	4.2
NNW	.4	.9	.3	.2								1.9	5.8
VARBL													
CALM												59.6	
	10.4	12.1	10.8	5.4	1.1	.3	.2					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	.3									2.9	4.1
NNE	.9	.4	.7									2.0	4.8
NE	.1	.1										.2	3.0
ENE	.1	.1	.1									.3	5.3
E	1.3	.7										2.0	3.0
ESE	.9	.2	.2	.3								1.7	5.9
SE	.4	1.2	1.3	1.2	.1							4.3	8.6
SSE	.7	1.0	2.2	1.7	.3	.1						6.0	9.5
S	1.0	.9	1.1	1.0	.2	.6	.2					5.0	10.7
SSW	.4	.1	.6	.3		.1						1.6	8.7
SW	.7	.4	.2	.1		.2						1.7	7.7
WSW	.8	1.3	.7	.4	.1							3.3	6.6
W	.9	1.2	1.2	.8	.1							4.2	7.1
WNW	.6	.6	.2									1.3	4.6
NW	.2	.3	.3									.9	5.5
NNW	.6	1.0	.4	.3								2.3	5.8
VARBL													
CALM												60.2	
	10.8	11.0	9.7	6.2	.9	1.9	.2					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.1	.6	.1								2.7	4.9
NNE	.2	.4	.9	.1								1.7	6.8
NE	.8	.1	.1									1.0	3.3
ENE	.3	.7										1.0	3.8
E	1.3	.7	.1									2.1	3.3
ESE	1.0	.2	.6									1.8	4.3
SE	1.1	1.3	1.9	1.3	.1							5.8	7.8
SSE	1.3	1.3	1.9	1.2	.7	.3						6.8	9.1
S	1.4	.9	1.2	1.1	.6	.2						5.4	8.8
SSW	.4	.3	.2	.4								1.4	7.3
SW	.6	.7	.4	.3	.1							2.1	7.3
WSW	.4	.3	.4	.3								1.6	6.9
W	.7	1.6	1.4	.7	.2							4.6	7.5
WNW	.7	.7	.3									1.7	4.7
NW	.3	.1	.1									.6	4.2
NNW	.6	.6	.9									2.0	5.7
VARBL													
CALM												57.9	
	12.1	11.0	11.1	5.7	1.7	.6						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.9	.4									5.2	4.1
NNE	.4	.2	.4	.7								1.8	7.9
NE	.2	.2	.2	.1								.8	6.1
ENE	.4	.2	.2									.9	4.5
E	1.2	.6	.1	.1								2.0	3.8
ESE	.9	1.0	.3	.3								2.6	5.3
SE	1.8	.8	1.1	1.3	.3							5.3	7.6
SSE	1.6	1.8	1.7	2.4	1.0	.4						8.9	10.0
S	1.6	1.6	1.4	1.1	.8	.4	.1					7.0	9.5
SSW	.7	.9	.9	.7								3.1	7.5
SW	1.1	1.4	.4	.4								3.4	5.9
WSW	.7	1.0	.9	.3								2.9	6.5
W	.7	1.2	1.7	1.4								5.0	8.3
WNW	.7	.7	.3	.4								2.1	6.5
NW	1.1	1.1	.2	.1								2.6	6.2
NNW	1.9	2.7	2.4	.7								7.7	6.1
VARB.													
CALM												38.8	
	16.8	18.2	12.9	10.2	2.1	.9	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.1	1.6									5.0	5.3
NNE	.4	.2	.2	.4								1.3	7.1
NE	.3	.4	.4	.1								1.3	5.6
ENE	.3	.6										.9	4.1
E	1.1	.2	.3									1.7	3.7
ESE	.6	.8	.3	.1								1.8	5.6
SE	.9	.8	.6	1.0	.3							3.6	8.4
SSE	1.8	.8	1.9	1.4	1.1	.3						7.3	9.8
S	1.3	1.9	1.0	1.8	1.2	1.3	.1					8.7	11.9
SSW	.9	.8	.7	.6	.2	.1						3.2	8.3
SW	.4	.9	.7	1.0	.1							3.1	8.1
WSW	.3	1.2	2.2	1.3								5.1	8.4
W	1.3	1.6	3.9	1.8	.3							8.9	8.3
WNW	.8	1.1	.7	.2		.1						2.9	6.3
NW	1.3	1.7	.9	.7	.1							4.7	6.5
NNW	2.1	3.8	3.7	.6								10.1	6.0
VARB													
CALM												30.4	
	15.3	18.8	19.0	11.0	3.4	1.9	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	4.7	1.2	.1								7.7	5.0
NNE	.2	.4	.	.3								1.4	7.2
NE	.6	.3	.4									1.3	4.8
ENE	.3	.2										.6	3.4
E	.7	.3	.2									1.2	4.5
ESE	.8	.1	.1	.1								1.1	4.2
SE	.6	1.1	1.1	1.0	.2							4.0	8.4
SSE	.9	1.2	1.2	1.9	.6	.2						6.0	10.0
S	1.0	1.1	.7	2.7	1.1	.7						7.2	11.6
SSW	.6	.7	.4	.3								2.0	6.3
SW	.2	.8	.9	.8	.1							2.8	8.2
WSW	1.0	1.2	1.1	.2	.1							3.7	6.2
W	1.4	2.7	4.0	1.4	.3	.1						10.0	7.9
WNW	1.7	1.1	1.4	1.6								5.8	7.0
NW	.6	1.9	1.4	.1								4.0	5.8
NNW	2.4	7.0	3.9	.3								13.7	5.7
VARB.													
CALM												27.4	
	14.6	24.9	18.7	10.9	2.4	1.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	.1									4.0	4.1
NNE	.1	.4	.3	.4								1.3	8.3
NE		.4										.4	4.8
ENE	.2	.3										.6	3.4
E	.4	.9										1.3	3.8
ESE	.1	.4	.1	.2								.9	6.8
SE	.4	1.6	1.7	.3	.3	.1						4.5	8.2
SSE	.7	2.3	2.2	1.2	.4							6.9	8.2
S	.3	1.2	1.0	1.2	.4	.4	.1	.1				4.9	11.8
SSW	.3	.2	.6									1.1	6.2
SW	.9	1.0	1.1	.3								3.3	6.4
WSW	.8	1.2	1.1	.1								3.2	5.6
W	1.8	2.0	1.1	.7		.1						5.7	5.8
WNW	1.4	1.9	1.0	.1	.1							4.6	5.6
NW	1.0	1.2	.3	.1								2.7	4.8
NNW	1.2	2.7	.7	.2								4.8	4.8
VARBL													
CALM												49.7	
	11.0	20.6	11.4	5.0	1.3	.7	.1	.1				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236 STATION KINGSLEY FIELD OR 68-70,73-79 YEARS NCV
STATION NAME ALL WEATHER MONTH
CLASS 2100-2300
COORDINATE HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.0	.8									2.7	5.0
NNE	.1	.4	.4	.2								1.2	7.6
NE	.1	.2	.1									.4	5.8
ENE	.3	.2	.2									.8	4.0
E	1.1		.1	.1								1.3	3.7
ESE	.2	.7	.2	.1								1.2	5.7
SE	1.0	.7	.8	1.2	.3							4.0	8.9
SSE	.8	2.1	1.0	1.5	.2	.2						5.8	8.7
S	1.6	1.9	1.3	1.0	.6	.6	.1					7.0	9.3
SSW	.3	.6	.7	.6	.1	.1						2.3	8.9
SW	.6	1.0	1.6	.1								3.2	6.4
WSW	.6	.9	.8	.2								2.9	6.3
W	.9	2.1	1.8	.2								5.0	6.1
WNW	.7	1.5	.8	.2								3.1	5.6
NW	.4	1.0	.1									1.6	4.4
NNW	.6	.8	.7		.1							2.1	5.8
VARB													
CALM												55.6	
	10.2	15.1	11.4	5.9	1.3	.9	.1					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	.7	.0								4.0	4.7
NNE	.4	.4	.5	.3								1.5	6.9
NE	.3	.3	.2	.0								.8	5.0
NNE	.4	.3	.1									.8	3.7
E	1.1	.5	.1	.0								1.7	3.5
ESE	.6	.5	.3	.2	.0							1.6	5.5
SE	.9	1.0	1.3	1.1	.2	.0						4.5	8.2
SSE	1.1	1.4	1.7	1.6	.6	.2						6.6	9.2
S	1.1	1.4	1.2	1.3	.7	.6	.1	.0				6.8	10.5
SSW	.5	.5	.6	.4	.0	.1	.0					2.1	8.0
SW	.6	1.0	.7	.4	.1	.0						2.8	7.1
WSW	.7	1.0	1.0	.4	.0							3.1	6.6
W	1.1	1.7	2.1	.9	.2	.0						6.0	7.4
WNW	.8	1.0	.6	.3	.0	.0						2.9	6.0
NW	.3	1.0	.5	.1	.0							2.4	5.3
NNW	1.2	2.4	1.6	.3	.0							5.6	5.8
VARB.													
CALM												47.4	
	12.7	16.5	13.1	7.5	1.8	.9	.1	.0				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 7191

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
UNIVERSAL (G.M.T.)

COMMENTS

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	.1	.1								2.7	4.2
NNE	.6	.2										.9	3.1
NE	.5											.5	2.6
NNE	.4	.1		.1								.6	4.8
E	.8	.3	.1	.1								1.5	4.4
ESE	.3	1.0	.4	.1								1.8	5.6
SE	.8	1.1	1.0	.8	.1							3.7	7.2
SSE	1.2	1.5	1.4	1.4	1.7	.2	.1					7.5	10.9
S	1.8	1.5	1.6	.9	.6	.5	.1					7.1	9.0
SSW	.2	1.5	.5	.6	.1							3.0	7.9
SW	.3	.3	.4	.4	.1							1.6	8.3
WSW	.2	.5	.9	.4		.1						2.2	8.3
W	.6	1.2	1.2	.9								3.9	7.4
WWW	1.2	.5	.6									2.5	4.7
WNW	.9	.1	.1									1.1	3.1
NNW	1.2	1.0	.6	.3								3.1	5.6
CALM												56.3	
	12.2	12.6	9.0	6.1	2.7	.9	.2					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.8	.2								3.0	5.4
NNE	.3	.2										.5	3.2
NE	.5											.5	2.2
ENE	.9	.2		.1								1.2	3.5
E	1.4	.6	.3									2.4	3.8
ESE	1.0	1.2	.4	.2								4.8	5.2
SE	1.5	.6	.8	.2	.1							3.7	6.4
SSE	1.1	1.9	1.6	2.4	1.1	.3		.1				8.5	10.6
S	.6	1.7	1.0	1.1	.9	.3	.1					5.7	10.5
SSW	.6	.2	.9	.3								2.0	7.0
SW	.6	.4	.4	.3								1.8	6.5
WSW	.3	1.0	.5	1.1	.3	.1						3.3	10.0
W	.6	.9	.9	.2								2.6	6.3
WNW	.3	.1	.2	.2	.1							1.0	8.8
NW	.3	.2	.2	.1	.1							1.0	6.7
NNW	.9	1.3	1.0									3.1	5.1
VARBL													
CALM												56.9	
	12.2	11.6	8.9	6.9	2.6	.8	.1	.1				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	.9	.1								3.2	5.8
NNE	.9	.2	.2									1.3	3.6
NE	.9											.9	2.1
ENE	.8	.4										1.2	3.1
E	1.6	.2	.2	.2								2.3	4.0
ESE	1.4	.8	.4									2.6	4.2
SE	1.8	1.2	.4	1.1	.3							4.8	7.0
SSE	1.5	1.2	1.7	1.9	.6	.5						7.5	9.8
S	1.1	.9	1.3	1.2	1.4	.8						6.6	12.1
SSW	.4	.6	.3	.2	.1							1.7	6.8
SW	.8	.6	.3	.4								2.2	6.3
WSW	.1	1.4	1.5	.3								3.3	7.5
W	.4	1.2	.6	1.3								3.5	8.2
WNW	.4	.4	.3	.2	.2							1.6	7.8
NW	.2	.4	.1									.8	4.7
NNW	1.1	.9	.3	.1								2.4	4.1
VARBL													
CALM												54.2	
	14.2	11.8	8.7	7.1	2.7	1.3						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.6	2.0	.5	.1								4.3	4.4
NNE	.4	.5	.1									1.1	4.2
NE	.3	.2	.1	.1								.8	5.0
ENE	.9	.3										1.2	3.0
E	1.2	1.1	.3									2.6	4.2
ESE	1.5	1.0	.3									2.8	3.7
SE	1.6	1.4	.6	.3	.4							4.4	6.4
SSE	1.5	2.3	2.4	2.3	1.3	.8						10.4	10.1
S	1.7	2.6	.9	1.1	1.4	.6						8.3	9.6
SSW	.8	.2	.5	.2	.4	.2						2.4	9.5
SW	.5	.2	.6	.3	.1							1.8	7.8
WSW	.3	.8	1.0	.3	.2							3.2	8.2
W	.4	1.2	1.6	1.6	.5							5.3	9.8
WNW	.2	.2	.9	.4								1.7	8.8
NW	.6	.5	.4	.1								1.7	5.7
NNW	.5	1.2	1.8	.2								3.8	6.8
VARBL													
CALM												44.3	
	14.1	15.7	12.8	7.1	4.4	1.6						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.8	1.1	.2								4.3	5.5
NNE	.6	.5	.2	.1								1.5	4.9
NE	.4	.5	.1	.2								1.3	5.5
ENE	.6	.3	.4									1.4	5.0
E	.8	.3	.2									1.3	3.7
ESE	1.2	.9	.2	.2								2.5	4.5
SE	1.5	1.7	1.3	.6								5.2	6.0
SSE	1.3	1.4	2.9	2.4	1.0	.3	.2					9.5	10.3
S	1.3	1.0	1.3	1.7	1.5	1.4	.1					8.3	13.1
SSW	.9	.6	1.0	.4	.3		.1					3.4	8.7
SW	.3	.5	.8	.6	.1							2.4	9.0
WSW	.4	1.3	1.8	1.0			.1					4.6	8.3
W	.5	1.6	3.2	2.2	.4	.1						8.1	9.5
WNW	.2	.8	1.0	1.2								3.1	8.8
NW	1.1	.9	.3	.5								2.8	6.2
NNW	.8	2.2	2.8	.5	.1							6.3	7.2
VARBL													
CALM												34.1	
	13.1	16.3	18.6	11.9	3.4	1.9	.5					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.4	1.0	.2	.1							5.9	5.3
NNE	.2	.4	.9									1.5	6.3
NE	.2	.4		.1								.8	5.7
ENE	.2	.2										.4	3.8
E	.3	.6		.1								1.1	4.8
ESE	.5	.9	.4	.3								2.2	6.1
SE	1.1	1.3	1.6	.5	.2							4.7	7.0
SSE	1.6	1.7	1.7	1.0	1.3	.1						7.4	9.3
S	1.1	1.9	1.6	1.9	.6	1.5	.4					9.2	12.2
SSW	.3	.8	.5	.4	.2	.1						2.4	9.3
SW	.3	.6	1.3	.8								3.0	8.3
WSW	.6	1.1	2.0	1.1								4.8	8.3
W	2.0	2.2	1.6	1.5	.5	.2						8.1	8.0
WNW	1.4	1.0	1.1	.8	.1							4.3	6.8
NW	1.1	.9	.5	.1	.1							2.7	5.5
NNW	2.0	3.2	1.3	.5	.2							7.3	5.6
VARBL													
CALM												34.2	
	14.3	20.7	15.6	9.4	3.4	1.9	.4					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.2	1.0	.9								4.2	5.9
NNE	.4	.3	.2	.2		.1						1.3	7.2
NE	.3	.1	.1	.1		.1						.8	8.9
ENE	.4	.2	.3									1.0	4.3
E	.8	.5	.3									1.6	4.5
ESE	1.3	.8	.4									2.5	4.2
SE	.5	.6	1.0	.8	.3							3.2	8.6
SSE	.8	.8	2.0	1.6	1.3	.3						6.8	11.3
S	1.4	1.6	1.2	1.1	1.0	.8	.3					7.3	11.3
SSW	.8	.5	.5	.3	.2							2.4	7.3
SW	.6	.6	.3	.4								2.0	6.8
WSW	.5	1.2	.8	.5								3.0	6.8
W	.9	2.7	1.7	.9	.1							5.9	6.5
WNW	.8	1.1	.8	.1	.1							2.8	5.9
NW	1.0	1.1	.8									2.8	5.1
NNW	.8	1.6	.9	.2	.1							3.6	6.2
VARBL													
CALM												48.8	
	12.7	15.0	12.3	6.5	3.1	1.3	.3					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.8	.8	.1	.1							2.7	5.8
NNE	.4	.5	.2	.2	.1							1.5	6.5
NE	.2	.3		.1	.1							.8	7.3
ENE	.1	.1										.2	4.5
E	.5	.8	.2	.2								1.7	5.4
ESE	1.0	.9	.1									1.9	3.8
SE	.6	1.5	1.2	1.2								4.5	8.0
SSE	1.1	1.8	1.2	2.2	.4	.5						7.2	9.9
S	1.3	1.7	1.4	1.3	.5	.8	.4					7.4	10.8
SSW	.3	.2	.1	.9								1.5	9.5
SW	.2	1.0	.9	.4								2.5	7.1
WSW	.4	.6	.9	.8	.1							2.8	8.7
W	1.0	.9	1.2	.8								3.8	6.7
WNW	.1	.8	.1	.1	.1							1.2	6.5
NW	.8	.6	.2									1.6	4.3
NNW	.1	1.4	1.1	.1								2.7	6.2
VARBL													
CALM												55.9	
	9.2	13.9	9.5	8.3	1.5	1.3	.4					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94256
STATION

KINGSLEY FIELD OR
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	.8	.2	.0							3.8	5.3
NNE	.5	.4	.2	.1	.0	.2						1.2	5.2
NE	.4	.2	.0	.1	.0	.0						.8	5.1
ENE	.5	.2	.1	.0								.9	3.9
E	.9	.6	.2	.1								1.8	4.3
ESE	1.0	.9	.3	.1								2.4	4.6
SE	1.2	1.2	1.0	.7	.2							4.3	7.0
SSE	1.3	1.6	1.9	1.9	1.1	.4	.0	.0				8.1	10.3
S	1.3	1.6	1.3	1.3	1.0	.8	.2					7.5	11.1
SSW	.5	.6	.6	.4	.2	.1	.0					2.4	8.3
SW	.5	.6	.6	.5	.0							2.2	7.5
WSW	.4	1.0	1.3	.7	.1	.0	.0					3.4	8.3
W	.8	1.5	1.5	1.1	.2	.0						5.1	8.1
WNW	.6	.6	.6	.4	.1							2.3	7.1
NW	.7	.6	.3	.1	.0							1.8	5.3
NNW	.9	1.6	1.2	.3	.1							4.0	6.0
VARBL													
TOTAL												48.1	
	12.7	14.7	11.9	7.9	3.0	1.4	.3	.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-79
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.3	2.3	1.8	.7	.1	.0						6.1	6.4
NNE	.7	.6	.4	.2	.0	.0						1.9	5.6
NE	.5	.3	.2	.1	.0	.0						1.1	5.1
ENE	.5	.3	.2	.0								1.0	4.4
E	.9	.6	.2	.1	.0							1.8	4.2
ESE	.8	.5	.2	.1	.0							1.6	4.4
SE	1.0	.9	.7	.5	.1	.0	.0					3.2	6.7
SSE	.9	1.1	1.4	1.1	.3	.1	.0	.0				5.0	8.5
S	1.2	1.4	1.1	1.2	.6	.3	.1	.0				5.9	9.6
SSW	.8	.7	.5	.3	.1	.0	.0					2.4	6.6
SW	.7	.8	.6	.3	.1	.0	.0					2.4	6.4
WSW	.7	1.0	1.0	.5	.1	.0	.0					3.3	7.2
W	1.4	2.3	2.2	1.3	.2	.0						7.3	7.4
WNW	1.2	1.6	1.3	.8	.1	.0						5.1	6.9
NW	1.2	1.7	1.6	.7	.1	.0	.0					5.3	6.8
NNW	1.1	2.5	3.4	1.8	.2	.0	.0					9.1	7.9
VARIABLE													
CALM												37.4	
	14.8	18.7	16.8	9.8	1.9	.6	.1	.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 67588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-79
YEARS

ALL
MONTH

INSTRUMENT

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

AND/OR VSBY 1/2 TO 2-1/2 MI W/ -IG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.3	1.0	.0							4.9	7.1
NNE	.9	.3	.1	.1								1.0	4.9
NE	.7	.1	.1									.8	3.1
ENE	.4	.3	.1									.8	3.7
E	1.3	.8	.1		.0							2.3	3.8
ESE	1.1	.7	.2	.0								2.0	4.0
SE	1.3	1.5	1.2	1.0	.3	.0	.0					5.3	7.8
SSE	1.4	2.5	2.3	1.2	.3	.3						8.0	7.9
S	1.7	1.8	1.9	1.9	.7	.8	.3	.0				9.1	10.6
SSW	.5	.7	1.1	.7	.3	.1	.1					3.4	9.4
SW	.4	.4	.7	.6	.1	.1						2.3	9.3
WSW	.4	.6	1.2	1.2	.0		.0					3.5	9.1
W	.7	1.2	1.3	1.1	.1	.3						4.7	9.0
WNW	.6	.5	.8	.4	.2							2.4	7.7
NW	.7	.7	.4	.2	.0							2.0	5.8
NNW	.7	1.2	1.3	1.2	.0							4.4	7.8
VARB.													
CALM												43.0	
	13.4	14.8	14.0	10.6	2.2	1.6	.4	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

2744

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	≥ 0	
NO CEILING																
≥ 1500																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94216 WINDSLEY FIELD OR

66-70,73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	31.4	34.5	36.1	36.7	37.5	37.8	38.7	39.1	39.2	39.9	40.5	40.8	41.5	41.6	43.2	46.0
≥20000	32.8	36.6	38.2	38.9	39.8	40.1	41.3	41.5	41.6	42.3	42.9	43.1	43.9	44.3	45.7	49.5
≥18000	33.1	37.4	39.0	39.7	40.5	40.9	41.8	42.0	42.5	43.1	43.8	44.0	44.7	44.8	46.6	50.3
≥16000	33.1	37.1	39.8	39.7	40.5	40.9	41.8	42.0	42.5	43.1	43.8	44.0	44.7	44.8	46.6	50.3
≥14000	33.8	37.7	39.5	40.3	41.2	41.5	42.7	43.2	43.3	44.0	44.6	44.8	45.6	45.8	47.5	51.3
≥12000	34.1	38.1	39.8	40.6	41.5	41.8	43.0	43.5	43.7	44.3	44.9	45.2	45.9	46.2	47.8	51.6
≥10000	35.3	40.0	42.4	43.2	44.4	44.7	45.9	46.5	46.6	47.2	47.8	48.1	48.8	49.0	50.8	54.5
≥9000	37.3	41.6	43.3	44.2	45.4	45.7	46.9	47.4	47.5	48.2	48.8	49.0	49.8	50.0	51.7	55.5
≥8000	41.3	44.9	46.7	47.5	48.7	49.0	50.2	50.8	50.9	51.5	52.2	52.5	53.2	53.4	55.2	58.9
≥7000	43.3	48.2	49.9	51.0	52.2	52.5	53.7	54.2	54.3	54.9	55.6	55.9	56.7	56.9	58.6	62.4
≥6000	44.7	49.8	51.3	52.4	53.5	53.9	55.1	55.6	55.7	56.3	57.1	57.3	58.1	58.3	60.0	63.8
≥5000	47.7	52.9	54.7	55.8	57.1	57.4	58.7	59.2	59.4	60.3	60.6	61.0	61.7	61.9	63.7	67.4
≥4500	51.7	55.3	58.3	59.4	61.6	61.9	62.3	62.8	62.9	63.5	64.2	64.5	65.3	65.5	67.2	71.0
≥4000	51.7	51.8	62.9	64.0	65.3	65.6	66.9	67.5	67.6	68.3	68.9	69.2	70.0	70.2	71.9	75.7
≥3500	57.4	65.5	67.5	68.6	69.9	70.2	71.5	72.2	72.3	72.9	73.5	73.9	74.6	74.8	76.6	80.3
≥3000	62.7	70.1	72.4	73.7	74.9	75.3	76.6	77.2	77.3	78.0	78.6	78.9	79.7	79.9	81.6	85.5
≥2500	62.7	71.1	73.4	74.7	76.0	76.3	77.6	78.3	78.4	79.1	79.8	80.1	80.9	81.1	82.8	86.8
≥2000	65.8	74.7	76.6	78.0	79.6	80.0	81.4	82.0	82.2	82.9	83.5	83.9	84.6	84.8	86.6	90.5
≥1800	65.8	74.7	76.7	78.1	80.1	80.4	81.8	82.5	82.6	83.3	84.0	84.3	85.1	85.3	87.0	91.0
≥1500	65.8	74.9	77.4	78.8	80.8	81.2	82.7	83.4	83.5	84.4	85.1	85.4	86.1	86.3	88.1	92.0
≥1200	65.8	75.3	78.1	79.5	81.8	82.0	83.7	84.4	84.6	85.5	86.1	86.5	87.2	87.4	89.1	93.2
≥1000	65.8	75.5	78.1	79.6	81.7	82.2	83.8	84.8	85.1	86.0	86.7	87.0	87.7	88.1	89.8	93.9
≥900	65.8	75.7	78.2	79.7	81.8	82.4	84.0	85.1	85.3	86.2	86.9	87.2	88.0	88.3	90.0	94.1
≥800	65.8	75.7	78.2	79.7	81.8	82.4	84.1	85.2	85.4	86.5	87.2	87.5	88.3	88.6	90.3	94.4
≥700	65.8	75.7	78.2	79.7	81.8	82.4	84.2	85.3	85.5	86.6	87.3	87.6	88.4	88.6	90.5	94.6
≥600	65.8	75.7	78.7	79.7	82.0	82.6	84.7	86.0	86.2	87.3	88.1	88.4	89.1	89.5	91.3	95.4
≥500	65.8	75.8	79.0	79.9	82.3	82.8	84.9	86.2	86.5	87.5	88.3	88.6	89.4	89.8	91.8	95.9
≥400	65.8	75.8	78.5	80.1	82.5	83.0	85.2	86.6	86.8	88.0	88.7	89.0	89.8	90.2	92.3	96.3
≥300	65.8	75.9	78.7	80.3	82.8	83.3	85.7	87.1	87.3	88.6	89.4	89.7	90.5	91.0	93.3	97.6
≥200	65.8	75.9	78.7	80.3	82.8	83.3	85.7	87.1	87.3	88.6	89.4	89.7	91.0	91.4	94.7	99.5
≥100	65.8	75.9	78.7	80.3	82.8	83.3	85.7	87.1	87.3	88.6	89.4	89.7	91.0	91.4	94.7	99.8
≥0	65.8	75.9	78.7	80.3	82.8	83.3	85.7	87.1	87.3	88.6	89.4	89.7	91.0	91.4	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

84736 KINGSDLEY FIELD OR

68-70,73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	23.4	35.9	36.7	37.6	39.0	39.2	40.2	40.6	40.6	41.5	41.6	41.7	42.5	42.8	43.3	47.4
≥20000	34.5	37.1	36.0	38.9	40.3	40.5	41.5	41.9	41.9	42.8	42.9	43.0	43.8	44.1	45.8	49.6
≥18000	35.2	37.7	38.6	39.6	41.1	41.3	42.5	42.9	42.9	43.8	43.9	44.0	44.7	45.1	46.8	50.5
≥16000	35.2	37.7	38.6	39.6	41.1	41.3	42.5	42.9	42.9	43.8	43.9	44.0	44.7	45.1	46.8	50.5
≥14000	35.6	38.2	39.1	40.0	41.5	41.7	42.9	43.3	43.3	44.2	44.3	44.4	45.2	45.5	47.2	51.1
≥12000	36.0	38.9	39.9	40.9	42.4	42.6	43.8	44.2	44.2	45.1	45.3	45.4	46.1	46.5	48.2	52.0
≥10000	38.0	41.0	42.0	43.0	44.8	45.2	46.3	46.8	46.8	47.6	47.8	48.0	48.7	49.0	50.8	54.6
≥9000	39.3	42.3	43.3	44.3	46.1	46.5	47.6	48.1	48.1	48.9	49.1	49.2	50.0	50.3	52.7	55.9
≥8000	41.3	44.7	45.9	47.1	48.9	49.2	50.4	50.9	50.9	51.7	51.9	52.0	52.8	53.1	54.8	58.7
≥7000	43.5	47.2	48.5	49.7	51.5	51.8	53.0	53.4	53.4	54.3	54.5	54.6	55.4	55.7	57.4	61.3
≥6000	44.5	48.3	49.5	50.8	52.6	52.9	54.1	54.5	54.5	55.4	55.6	55.7	56.5	56.8	58.5	62.4
≥5000	47.1	51.4	52.7	53.9	55.7	56.0	57.3	57.7	57.7	58.6	58.8	58.9	59.7	60.0	61.7	65.6
≥4500	49.6	54.1	55.4	56.6	58.4	58.7	60.0	60.4	60.4	61.3	61.5	61.6	62.4	62.7	64.4	68.3
≥4000	53.9	59.1	60.5	61.7	63.7	64.0	65.3	65.7	65.7	66.6	66.8	66.9	67.6	68.0	69.8	73.8
≥3500	57.1	62.8	64.2	65.5	67.4	67.7	69.0	69.5	69.5	70.3	70.5	70.6	71.4	71.7	73.5	77.5
≥3000	61.3	67.6	69.0	70.4	72.4	72.8	74.1	74.5	74.5	75.4	75.6	75.7	76.7	77.0	78.8	82.8
≥2500	62.2	69.4	70.9	72.3	74.2	74.6	75.9	76.3	76.3	77.2	77.4	77.6	78.6	78.9	80.8	84.7
≥2000	63.4	72.3	73.9	75.8	77.8	78.4	79.7	80.1	80.2	81.1	81.4	81.6	82.6	82.9	84.7	88.7
≥1800	63.9	72.4	74.0	75.9	78.1	78.6	79.9	80.3	80.4	81.3	81.6	81.8	82.8	83.1	84.9	88.9
≥1500	64.0	73.0	74.6	76.6	79.0	79.9	81.4	81.8	81.9	82.8	83.1	83.3	84.3	84.6	86.6	90.5
≥1200	64.5	74.1	75.6	77.6	80.3	81.2	82.8	83.3	83.4	84.3	84.9	85.2	86.1	86.5	88.4	92.4
≥1000	64.5	74.0	75.6	77.8	80.9	81.7	83.3	83.9	84.0	84.8	85.6	85.8	86.8	87.2	89.1	93.1
≥900	64.5	74.0	75.6	77.8	80.9	81.7	83.4	84.0	84.1	84.9	85.7	85.9	86.9	87.3	89.2	93.2
≥800	64.6	74.1	75.7	78.0	81.2	82.3	84.0	84.5	84.6	85.6	86.3	86.6	87.5	88.0	89.9	94.0
≥700	64.6	74.1	75.7	78.0	81.2	82.3	84.0	84.6	84.7	85.7	86.5	86.7	87.6	88.1	90.0	94.2
≥600	64.6	74.1	75.7	78.0	81.2	82.3	84.2	84.9	85.1	86.0	86.8	87.0	88.0	88.4	90.3	94.6
≥500	64.6	74.1	75.7	78.0	81.2	82.3	84.2	84.9	85.1	86.0	86.8	87.0	88.0	88.4	90.3	95.2
≥400	64.6	74.1	75.7	78.0	81.2	82.3	84.2	85.1	85.2	86.1	86.9	87.1	88.1	88.5	91.0	95.6
≥300	64.6	74.1	75.7	78.0	81.3	82.4	84.3	85.3	85.4	86.5	87.2	87.4	88.4	88.9	92.0	96.7
≥200	64.6	74.1	75.7	78.0	81.3	82.4	84.3	85.6	85.7	86.8	87.5	87.7	89.1	89.8	93.4	98.6
≥100	64.6	74.1	75.7	78.0	81.3	82.4	84.3	85.6	85.7	86.8	87.5	87.7	89.1	89.8	93.4	99.5
≥0	64.6	74.1	75.7	78.0	81.3	82.4	84.3	85.6	85.7	86.8	87.5	87.7	89.1	89.8	93.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0236
STATION

KINGSLEY FIELD OR
STATION NAME

58-70,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	29.6	31.5	32.4	33.4	33.8	33.9	34.3	34.6	34.7	35.2	35.5	35.5	36.6	36.6	38.5	40.6
≥20000	31.3	33.4	34.3	35.4	35.7	35.8	36.2	36.6	36.7	37.2	37.5	37.6	38.7	38.7	40.9	43.8
≥18000	32.7	34.8	35.7	36.9	37.2	37.3	38.1	38.4	38.5	39.0	39.4	39.5	40.5	40.5	42.7	45.6
≥16000	32.7	34.8	35.7	36.9	37.2	37.3	38.1	38.4	38.5	39.0	39.4	39.5	40.5	40.5	42.7	45.6
≥14000	32.7	35.1	35.9	37.1	37.5	37.6	38.4	38.7	38.8	39.4	39.7	39.8	40.9	40.9	43.0	45.9
≥12000	33.7	36.1	37.0	38.2	38.7	38.8	39.6	39.9	40.0	40.5	40.9	41.0	42.0	42.0	44.2	47.1
≥10000	35.1	38.6	39.6	40.8	41.4	41.5	42.3	42.6	42.7	43.2	43.5	43.7	44.7	44.7	46.9	49.8
≥9000	36.9	39.6	40.5	41.7	42.4	42.5	43.2	43.5	43.7	44.2	44.5	44.6	45.7	45.7	47.8	50.8
≥8000	39.9	42.7	43.8	44.9	45.6	45.7	46.5	46.8	46.9	47.4	47.7	47.8	48.9	48.9	51.1	54.1
≥7000	41.3	44.6	45.7	46.9	47.5	47.6	48.4	48.7	48.8	49.4	49.7	49.8	50.9	50.9	53.0	56.0
≥6000	42.8	45.9	47.0	48.2	48.8	48.9	49.7	50.0	50.1	50.6	51.0	51.1	52.2	52.2	54.3	57.3
≥5000	45.7	49.0	50.1	51.3	52.0	52.2	52.9	53.2	53.3	53.9	54.2	54.3	55.4	55.4	57.5	60.5
≥4500	48.0	51.6	52.7	53.9	54.6	54.7	55.5	55.8	55.9	56.5	56.8	56.9	58.0	58.0	60.1	63.1
≥4000	51.8	55.7	56.8	58.0	58.7	58.8	59.6	59.9	60.0	60.5	60.9	61.0	62.0	62.0	64.3	67.5
≥3500	57.0	61.4	62.7	64.1	64.8	64.9	65.7	66.0	66.1	66.7	67.0	67.1	68.3	68.4	70.5	73.8
≥3000	60.9	66.7	68.0	69.7	70.4	70.6	71.4	71.7	71.8	72.4	72.8	72.9	74.2	74.3	76.5	79.7
≥2500	62.3	68.9	70.3	72.4	73.2	73.5	74.3	74.7	74.8	75.4	75.8	75.9	77.2	77.3	79.5	82.7
≥2000	64.7	71.6	73.2	76.0	77.0	77.4	78.2	78.7	78.8	79.4	79.8	80.0	81.3	81.4	83.7	86.9
≥1800	64.8	71.8	73.5	76.3	77.3	77.7	78.5	79.0	79.1	79.7	80.1	80.3	81.6	81.7	84.0	87.2
≥1500	65.1	72.3	74.1	77.0	78.1	78.6	79.5	80.1	80.2	80.8	81.2	81.4	82.9	83.0	85.3	88.5
≥1200	65.8	73.7	75.8	78.8	79.9	80.4	81.3	82.0	82.3	82.8	83.2	83.4	84.9	85.1	87.3	90.5
≥1000	65.9	73.9	76.0	79.1	80.2	80.8	81.6	82.6	82.8	83.3	83.8	84.1	85.6	85.7	88.0	91.2
≥900	65.9	73.9	76.0	79.1	80.3	80.9	81.8	82.8	83.1	83.8	84.2	84.5	86.0	86.1	88.4	91.6
≥800	65.9	73.9	76.0	79.2	80.5	81.1	82.2	83.1	83.4	84.3	84.7	85.1	86.6	86.7	88.9	92.2
≥700	65.9	73.9	76.0	79.4	80.6	81.3	82.4	83.3	83.7	84.6	85.1	85.4	86.9	87.0	89.2	92.5
≥600	65.9	73.9	76.0	79.4	80.8	81.4	82.5	83.5	83.9	84.8	85.3	85.6	87.1	87.2	89.5	92.9
≥500	65.9	74.0	76.2	79.6	81.0	81.6	82.8	84.1	84.4	85.4	85.8	86.1	87.6	87.7	90.1	93.5
≥400	65.9	74.0	76.2	79.6	81.0	81.7	82.9	84.2	84.5	85.5	85.9	86.3	87.8	88.1	90.4	94.6
≥300	65.9	74.0	76.2	79.7	81.1	81.8	83.0	84.3	84.6	85.6	86.0	86.5	88.5	88.9	91.8	96.5
≥200	65.9	74.0	76.2	79.7	81.1	81.8	83.0	84.4	84.7	85.7	86.1	86.6	88.9	89.4	93.3	99.2
≥100	65.9	74.0	76.2	79.7	81.1	81.8	83.0	84.4	84.7	85.7	86.1	86.6	88.9	89.4	93.3	99.9
0	65.9	74.0	76.2	79.7	81.1	81.8	83.0	84.4	84.7	85.7	86.1	86.6	88.9	89.4	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

54235 KINGSLEY FIELD OR

68-70,73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	28.5	30.6	31.8	32.7	33.8	33.9	34.6	34.6	34.7	34.9	34.9	35.2	35.6	35.8	36.5	37.4
≥ 20000	32.5	35.1	36.6	37.5	38.9	39.7	39.9	39.9	40.7	40.2	40.2	40.4	40.9	41.1	42.2	43.3
≥ 18000	33.2	35.8	37.3	38.3	39.9	40.0	41.0	41.0	41.1	41.6	41.6	41.8	42.3	42.5	43.8	44.9
≥ 16000	33.3	35.9	37.4	38.4	40.0	40.1	41.1	41.1	41.2	41.7	41.7	41.9	42.4	42.6	43.9	45.1
≥ 14000	33.8	36.3	37.8	38.8	40.4	40.5	41.5	41.5	41.6	42.2	42.2	42.4	42.8	43.0	44.3	45.5
≥ 12000	34.7	37.3	38.8	39.6	41.7	41.8	42.8	42.8	42.9	43.4	43.4	43.7	44.1	44.3	45.6	46.9
≥ 10000	37.8	40.3	41.8	42.8	44.7	44.8	45.8	45.8	45.9	46.5	46.5	46.7	47.1	47.3	48.6	49.8
≥ 9000	38.2	40.9	42.4	43.3	45.3	45.4	46.3	46.3	46.5	47.0	47.0	47.2	47.6	47.8	49.1	50.3
≥ 8000	41.8	44.6	46.1	47.1	49.0	49.1	50.1	50.1	50.2	50.8	50.9	51.0	51.4	51.6	52.9	54.1
≥ 7000	44.4	47.2	48.7	49.7	51.6	51.7	52.7	52.7	52.8	53.3	53.3	53.5	54.0	54.2	55.5	56.7
≥ 6000	45.7	48.5	50.0	51.1	53.1	53.2	54.2	54.2	54.3	54.8	54.8	55.1	55.5	55.7	57.0	58.2
≥ 5000	47.8	50.6	52.2	53.2	55.3	55.4	56.3	56.3	56.5	57.0	57.0	57.2	57.6	57.8	59.1	60.3
≥ 4500	49.7	52.5	54.0	55.1	57.1	57.2	58.2	58.2	58.3	58.8	58.8	59.0	59.5	59.7	61.0	62.2
≥ 4000	54.8	57.5	59.0	60.2	62.5	62.6	63.5	63.5	63.7	64.2	64.2	64.4	64.8	65.1	66.3	67.5
≥ 3500	59.4	62.4	64.3	65.3	67.5	67.6	68.8	68.8	69.0	69.6	69.6	69.8	70.3	70.6	71.9	73.1
≥ 3000	63.8	67.1	68.7	70.1	72.4	72.5	73.7	73.7	73.9	74.4	74.4	74.6	75.2	75.5	76.8	78.1
≥ 2500	65.6	69.5	71.1	72.5	74.8	75.1	76.2	76.2	76.5	77.0	77.1	77.3	77.8	78.2	79.5	80.8
≥ 2000	67.7	72.9	74.8	76.5	79.1	79.4	80.6	80.6	81.0	81.7	81.8	82.0	82.6	82.9	84.2	85.5
≥ 1800	68.3	73.4	75.4	77.1	79.7	79.9	81.3	81.5	81.7	82.5	82.6	82.8	83.3	83.7	84.9	86.2
≥ 1500	69.0	74.5	75.6	78.4	81.4	81.7	83.3	83.5	83.8	84.6	84.7	84.9	85.5	85.9	87.2	88.5
≥ 1200	69.2	74.8	77.0	78.8	82.3	82.6	84.4	84.7	84.9	86.0	86.1	86.3	86.9	87.3	88.6	89.9
≥ 1000	69.4	75.4	77.8	79.8	83.3	83.8	85.7	86.3	86.7	88.0	88.1	88.3	88.8	89.4	90.8	92.0
≥ 900	69.5	75.5	78.1	79.9	83.5	84.1	86.0	86.7	87.0	88.3	88.4	88.6	89.2	89.9	91.3	92.6
≥ 800	69.7	75.7	78.2	80.1	83.8	84.3	86.3	87.1	87.4	88.9	89.2	89.6	90.3	91.0	92.4	93.7
≥ 700	69.8	75.9	78.4	80.3	84.0	84.5	86.6	87.3	87.6	89.1	89.5	89.8	90.6	91.3	92.9	94.2
≥ 600	69.8	75.9	78.4	80.3	84.0	84.5	86.6	87.4	87.7	89.2	89.6	89.9	90.8	91.4	93.0	94.4
≥ 500	69.8	76.2	78.7	80.8	84.4	84.9	87.0	88.0	88.3	89.9	90.2	90.5	91.4	92.0	93.7	95.2
≥ 400	69.8	76.2	78.7	80.8	84.5	85.2	87.2	88.2	88.5	90.2	90.9	91.2	92.0	92.7	94.5	96.3
≥ 300	69.8	76.2	78.7	81.0	84.8	85.5	87.6	88.6	88.9	90.9	91.7	92.0	93.2	94.2	96.8	98.2
≥ 200	69.8	76.2	78.7	81.0	84.8	85.5	87.6	88.6	88.9	90.9	91.7	92.0	93.2	94.2	96.8	98.2
≥ 100	69.8	76.2	78.7	81.0	84.8	85.5	87.6	88.6	88.9	90.9	91.7	92.0	93.2	94.2	96.8	98.2
≥ 0	69.8	76.2	78.7	81.0	84.8	85.5	87.6	88.6	88.9	90.9	91.7	92.0	93.2	94.2	96.8	98.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS - LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	31.1	34.7	35.6	36.0	37.6	37.6	37.6	37.8	37.8	38.3	38.5	38.5	38.5	38.6	38.6	38.6
≥ 20000	36.9	41.4	42.3	42.8	44.4	44.4	44.4	44.6	44.6	45.1	45.3	45.3	45.3	45.4	45.5	45.5
≥ 18000	38.0	42.5	43.3	43.9	46.3	46.3	46.6	46.8	46.8	47.2	47.4	47.4	47.4	47.5	47.6	47.6
≥ 16000	38.7	42.5	43.3	43.9	46.3	46.3	46.6	46.8	46.8	47.2	47.4	47.4	47.4	47.5	47.6	47.6
≥ 14000	38.5	43.2	44.1	44.6	47.1	47.1	47.3	47.5	47.5	48.0	48.2	48.2	48.2	48.3	48.4	48.4
≥ 12000	39.2	44.2	45.3	45.8	48.3	48.3	48.5	48.7	48.7	49.1	49.4	49.4	49.4	49.5	49.6	49.6
≥ 10000	41.3	46.3	47.4	48.0	50.8	50.9	51.2	51.4	51.4	51.8	52.0	52.0	52.0	52.2	52.3	52.3
≥ 9000	41.8	46.9	48.0	48.5	51.3	51.4	51.7	51.9	51.9	52.4	52.6	52.6	52.6	52.7	52.8	52.8
≥ 8000	44.5	49.6	50.6	51.2	54.1	54.2	54.5	54.7	54.7	55.2	55.4	55.4	55.4	55.5	55.6	55.6
≥ 7000	46.3	51.6	52.7	53.2	56.1	56.2	56.6	56.8	56.8	57.2	57.4	57.4	57.4	57.5	57.6	57.6
≥ 6000	47.6	53.0	54.3	54.8	57.8	58.0	58.3	58.5	58.5	58.9	59.1	59.1	59.1	59.2	59.4	59.4
≥ 5000	49.6	54.9	56.2	56.8	59.8	59.9	60.2	60.4	60.4	60.9	61.1	61.1	61.1	61.2	61.3	61.3
≥ 4500	51.1	56.3	57.6	58.2	61.2	61.3	61.6	61.8	61.8	62.3	62.5	62.5	62.5	62.6	62.7	62.7
≥ 4000	54.1	59.3	61.0	61.5	64.6	64.7	65.1	65.3	65.3	65.7	65.9	65.9	65.9	66.0	66.1	66.1
≥ 3500	61.2	66.9	68.6	69.5	72.6	72.7	73.0	73.2	73.2	73.7	73.9	73.9	73.9	74.0	74.1	74.1
≥ 3000	67.3	73.2	75.1	75.9	79.2	79.5	79.8	80.0	80.0	80.4	80.6	80.6	80.6	80.8	80.9	80.9
≥ 2500	71.4	76.6	78.5	79.5	82.8	83.1	83.5	83.8	83.8	84.2	84.4	84.4	84.4	84.5	84.7	84.7
≥ 2000	73.4	81.1	83.3	84.5	88.0	88.3	88.8	89.0	89.0	89.5	89.7	89.7	89.7	89.8	90.0	90.0
≥ 1800	74.1	81.7	84.0	85.3	88.7	89.0	89.6	89.8	89.8	90.2	90.4	90.4	90.5	90.6	90.8	90.8
≥ 1500	74.5	82.6	85.1	86.7	90.3	90.6	91.6	91.9	91.9	92.4	92.7	92.7	92.8	92.9	93.0	93.0
≥ 1200	74.7	83.2	85.7	87.5	91.3	91.6	92.6	93.1	93.2	93.8	94.1	94.1	94.2	94.3	94.4	94.4
≥ 1000	74.9	83.4	86.1	88.0	91.9	92.3	93.3	94.0	94.2	94.7	95.2	95.3	95.4	95.5	95.6	95.6
≥ 900	75.3	83.8	86.5	88.3	92.4	92.7	93.8	94.4	94.6	95.2	95.6	95.8	95.9	96.0	96.1	96.1
≥ 800	75.3	83.8	86.5	88.4	92.6	92.9	94.0	94.6	94.8	95.5	95.9	96.1	96.6	96.7	96.8	96.8
≥ 700	75.3	83.8	86.5	88.4	92.6	92.9	94.0	94.6	94.8	95.5	95.9	96.2	96.7	96.8	96.9	96.9
≥ 600	75.3	84.0	86.8	88.7	93.1	93.4	94.5	95.2	95.4	96.0	96.5	96.8	97.2	97.3	97.4	97.4
≥ 500	75.4	84.1	86.9	88.8	93.2	93.5	94.6	95.3	95.5	96.1	96.6	96.9	97.3	97.4	97.5	97.5
≥ 400	75.4	84.2	87.0	89.0	93.4	93.8	95.2	95.8	96.0	96.7	97.1	97.4	97.8	98.0	98.1	98.1
≥ 300	75.4	84.2	87.0	89.1	93.4	93.8	95.2	95.9	96.1	97.0	97.4	97.7	98.3	98.4	98.6	99.1
≥ 200	75.4	84.2	87.0	89.1	93.5	93.9	95.4	96.1	96.3	97.2	97.6	98.0	98.7	98.8	99.1	100.0
≥ 100	75.4	84.2	87.0	89.1	93.5	93.9	95.4	96.1	96.3	97.2	97.6	98.0	98.7	98.8	99.1	100.0
≥ 0	75.4	84.2	87.0	89.1	93.5	93.9	95.4	96.1	96.3	97.2	97.6	98.0	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

54236
STATION

WINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	33.9	36.5	37.5	38.1	39.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	39.6	42.7	44.0	44.5	44.8	44.8	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	42.0	45.3	46.6	47.1	48.3	48.3	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	42.0	45.3	46.6	47.1	48.3	48.3	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	46.7
≥ 14000	43.1	46.7	48.1	48.5	49.7	49.7	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 12000	45.3	49.7	51.1	51.6	52.8	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	46.9	51.3	52.8	53.3	54.8	54.8	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	47.1	51.5	53.7	53.5	55.1	55.1	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	50.2	54.4	56.1	56.7	58.2	58.2	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 7000	53.0	57.4	58.9	59.5	61.0	61.0	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 6000	53.8	58.4	60.0	60.5	62.0	62.0	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 5000	55.1	59.8	61.4	62.0	63.5	63.5	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	57.1	61.8	63.4	64.1	65.6	65.6	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4000	60.5	65.7	67.4	68.2	69.8	69.8	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	65.4	70.9	72.7	73.4	75.1	75.1	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3000	70.9	76.6	78.4	79.1	80.8	80.8	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	74.3	80.8	82.6	83.3	84.9	84.9	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	77.0	84.4	86.6	87.4	89.2	89.2	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	77.1	84.7	86.9	87.7	89.6	89.6	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	77.6	85.8	88.1	88.9	90.9	91.0	91.7	91.8	91.8	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	78.3	86.9	89.1	90.1	92.0	92.2	92.9	93.0	93.2	94.1	94.3	94.4	94.4	94.4	94.4	94.4
≥ 1000	78.3	86.9	89.1	90.1	92.2	92.3	93.0	93.1	93.3	94.2	94.8	95.1	95.3	95.3	95.3	95.3
≥ 900	78.3	86.9	89.2	90.2	92.3	92.4	93.1	93.2	93.4	94.3	94.9	95.2	95.4	95.4	95.4	95.4
≥ 800	78.3	86.9	89.4	90.3	92.5	92.6	93.3	93.4	93.7	94.5	95.2	95.6	95.8	95.8	95.8	95.8
≥ 700	78.3	87.1	89.6	90.5	92.7	92.8	93.5	93.7	93.9	94.7	95.4	95.8	96.1	96.1	96.1	96.1
≥ 600	78.3	87.1	89.6	90.5	92.7	92.8	93.5	93.7	93.9	94.7	95.7	96.1	96.6	96.7	96.8	96.8
≥ 500	78.3	87.1	89.8	90.8	93.0	93.1	93.9	94.0	94.2	95.1	96.2	96.7	97.1	97.2	97.4	97.4
≥ 400	78.3	87.1	89.8	90.9	93.1	93.2	94.0	94.1	94.3	95.2	96.3	96.9	97.3	97.4	97.7	97.7
≥ 300	78.3	87.1	89.8	90.9	93.2	93.3	94.1	94.2	94.4	95.5	96.8	97.3	97.8	98.1	98.5	99.6
≥ 200	78.3	87.1	89.8	90.9	93.2	93.3	94.1	94.2	94.4	95.5	96.9	97.4	98.0	98.2	98.6	99.0
≥ 100	78.3	87.1	89.8	90.9	93.2	93.3	94.1	94.2	94.4	95.5	96.9	97.4	98.0	98.2	98.6	99.0
≥ 0	78.3	87.1	89.8	90.9	93.2	93.3	94.1	94.2	94.4	95.5	96.9	97.4	98.0	98.2	98.6	99.0

TOTAL NUMBER OF OBSERVATIONS 939

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

00236
STATION

KINGSLEY FIELD OR
STATION NAME

58-70,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1930-2000
HOURS

CEILING FEET	VISIBILITY /STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	36.8	40.5	41.6	42.6	43.7	43.8	44.2	44.2	44.2	44.2	44.3	44.3	44.5	44.6	44.8	44.9
≥ 20000	40.4	44.2	45.7	46.8	47.8	48.3	48.7	48.7	48.7	48.7	48.8	48.8	49.0	49.1	49.4	49.5
≥ 18000	41.6	45.7	47.2	48.3	49.8	50.2	50.8	50.8	50.8	50.8	50.9	50.9	51.2	51.3	51.5	51.6
≥ 16000	41.6	45.7	47.2	48.3	49.8	50.2	50.8	50.8	50.8	50.8	50.9	50.9	51.2	51.3	51.5	51.6
≥ 14000	42.7	47.0	48.5	49.6	51.1	51.6	52.2	52.2	52.2	52.2	52.3	52.3	52.6	52.7	52.9	53.0
≥ 12000	44.1	48.5	50.0	51.4	53.0	53.5	54.1	54.1	54.1	54.1	54.2	54.2	54.5	54.6	54.8	54.9
≥ 10000	45.6	50.0	51.5	52.9	54.9	55.5	56.0	56.0	56.0	56.0	56.1	56.1	56.5	56.5	56.8	56.9
≥ 9000	46.6	51.0	52.5	53.9	55.9	56.5	57.0	57.0	57.0	57.0	57.1	57.1	57.4	57.5	57.7	57.8
≥ 8000	48.7	53.3	54.9	56.3	58.4	58.9	59.5	59.5	59.5	59.5	59.6	59.6	59.9	60.0	60.2	60.3
≥ 7000	50.6	55.4	57.0	58.4	60.4	61.0	61.5	61.5	61.5	61.5	61.6	61.6	61.9	62.0	62.3	62.4
≥ 6000	52.7	57.6	59.2	60.6	62.7	63.2	63.8	63.8	63.8	63.8	63.9	63.9	64.2	64.3	64.5	64.6
≥ 5000	54.5	59.9	61.5	62.9	65.2	65.7	66.2	66.2	66.2	66.2	66.3	66.3	66.7	66.8	67.0	67.1
≥ 4500	55.9	61.3	62.9	64.4	66.7	67.2	67.7	67.7	67.7	67.7	67.8	67.8	68.2	68.3	68.5	68.6
≥ 4000	58.5	64.1	65.7	67.2	69.5	70.0	70.5	70.5	70.5	70.5	70.6	70.6	71.0	71.1	71.3	71.4
≥ 3500	63.4	69.6	71.3	72.9	75.2	75.7	76.2	76.2	76.2	76.2	76.3	76.3	76.7	76.8	77.0	77.1
≥ 3000	67.1	73.7	75.5	77.2	79.6	80.1	80.6	80.6	80.6	80.6	80.8	80.8	81.1	81.2	81.4	81.5
≥ 2500	69.7	77.1	79.1	81.0	83.3	83.9	84.4	84.4	84.4	84.4	84.6	84.7	84.7	85.1	85.2	85.5
≥ 2000	72.8	81.6	84.3	86.3	88.9	89.5	90.1	90.2	90.2	90.4	90.5	90.5	90.9	91.0	91.2	91.3
≥ 1800	72.8	81.9	84.8	86.9	89.5	90.0	90.8	90.9	90.9	91.1	91.2	91.2	91.5	91.6	91.8	91.9
≥ 1500	73.2	82.5	85.7	87.7	90.4	91.0	92.2	92.3	92.4	92.8	92.9	92.9	93.2	93.3	93.5	93.7
≥ 1200	73.5	83.4	86.7	88.7	91.4	92.0	93.2	93.4	93.5	94.4	94.7	94.7	95.1	95.2	95.4	95.5
≥ 1000	73.7	83.9	87.1	89.1	91.8	92.5	93.7	93.9	94.1	95.1	95.4	95.4	95.7	95.9	96.1	96.2
≥ 900	73.8	84.0	87.2	89.2	91.9	92.6	93.8	94.2	94.4	95.4	95.7	95.7	96.0	96.2	96.5	96.6
≥ 800	73.8	84.3	87.2	89.2	91.9	92.6	93.9	94.3	94.7	95.7	96.2	96.2	96.6	96.8	97.0	97.1
≥ 700	73.9	84.2	87.4	89.5	92.2	92.8	94.1	94.5	94.9	95.9	96.6	96.6	96.9	97.1	97.3	97.4
≥ 600	74.0	84.3	87.5	89.6	92.3	92.9	94.2	94.6	95.1	96.0	96.9	96.9	97.3	97.5	97.7	97.8
≥ 500	74.2	84.4	87.7	89.8	92.5	93.2	94.5	94.9	95.4	96.3	97.2	97.2	97.6	97.8	98.1	98.2
≥ 400	74.0	84.4	87.7	89.8	92.5	93.2	94.5	94.9	95.4	96.3	97.2	97.2	97.6	97.8	98.1	98.2
≥ 300	74.0	84.4	87.7	89.8	92.5	93.2	94.5	94.9	95.4	96.3	97.2	97.2	97.6	97.8	98.2	99.1
≥ 200	74.0	84.4	87.7	89.8	92.5	93.2	94.5	94.9	95.4	96.3	97.2	97.2	97.6	97.8	98.4	100.0
≥ 100	74.0	84.4	87.7	89.8	92.5	93.2	94.5	94.9	95.4	96.3	97.2	97.2	97.6	97.8	98.4	100.0
≥ 0	74.0	84.4	87.7	89.8	92.5	93.2	94.5	94.9	95.4	96.3	97.2	97.2	97.6	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

54235
STATION

KINGSLEY FIELD OR
STATION NAME

58-70,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	34.8	38.7	40.2	42.9	42.3	42.6	42.8	43.1	43.1	43.5	43.9	43.5	44.5	44.6	46.1	48.2
≥ 20000	37.5	41.7	43.2	44.0	45.5	45.8	46.0	46.3	46.3	46.8	47.1	47.1	47.7	48.1	49.4	51.5
≥ 18000	38.7	42.9	44.4	45.2	46.7	47.3	47.5	47.8	47.8	48.3	48.6	48.6	49.2	49.6	50.9	53.0
≥ 16000	38.7	42.9	44.4	45.2	46.7	47.3	47.5	47.8	47.8	48.3	48.6	48.6	49.2	49.6	50.9	53.0
≥ 14000	39.1	43.5	45.1	45.8	47.3	47.6	48.2	48.6	48.6	49.0	49.4	49.4	50.0	50.3	51.6	53.8
≥ 12000	40.2	44.6	46.7	46.9	48.4	48.7	49.2	49.7	49.7	50.1	50.4	50.4	51.1	51.4	52.7	54.8
≥ 10000	42.2	46.8	48.3	49.0	51.0	51.3	51.8	52.3	52.3	52.7	53.0	53.0	53.7	54.0	55.3	57.4
≥ 9000	42.8	47.5	49.0	49.8	51.7	52.0	52.6	53.0	53.0	53.4	53.8	53.8	54.4	54.7	56.0	58.2
≥ 8000	44.4	49.2	50.9	51.6	53.5	53.9	54.4	54.8	54.8	55.3	55.6	55.6	56.2	56.6	57.8	60.0
≥ 7000	46.7	51.6	53.3	54.2	56.1	56.5	57.3	57.4	57.4	57.8	58.2	58.2	58.8	59.1	60.4	62.6
≥ 6000	48.4	53.5	55.3	56.1	58.1	58.4	58.9	59.4	59.4	59.8	60.1	60.1	60.8	61.1	62.4	64.5
≥ 5000	50.8	56.1	58.7	58.9	61.9	61.2	61.7	62.2	62.2	62.6	62.9	62.9	63.5	63.9	65.2	67.3
≥ 4500	53.5	59.1	61.0	61.9	63.9	64.2	64.7	65.2	65.2	65.6	65.9	65.9	66.6	66.9	68.2	70.3
≥ 4000	57.4	64.1	65.9	66.9	68.9	69.2	69.8	70.2	70.2	70.6	71.0	71.0	71.6	71.9	73.2	75.4
≥ 3500	61.8	68.8	70.8	72.0	74.1	74.4	74.9	75.4	75.4	75.8	76.1	76.1	76.8	77.1	78.4	80.5
≥ 3000	64.3	72.7	74.9	76.3	78.5	78.9	79.4	79.8	79.8	80.2	80.5	80.5	81.2	81.5	82.8	84.9
≥ 2500	66.7	75.9	78.3	79.8	82.0	82.4	83.3	83.4	83.4	83.9	84.2	84.2	84.8	85.2	86.5	88.7
≥ 2000	69.0	79.0	81.4	82.9	85.2	85.5	86.3	86.8	86.8	87.2	87.5	87.5	88.2	88.5	89.8	92.0
≥ 1800	69.2	79.2	81.8	83.4	85.7	86.0	86.9	87.3	87.3	87.7	88.1	88.1	88.7	89.0	90.3	92.6
≥ 1500	70.1	80.2	82.9	84.5	86.8	87.2	88.2	88.7	88.7	89.1	89.5	89.5	90.1	90.4	91.7	94.0
≥ 1200	70.2	80.9	83.8	85.5	87.7	88.3	89.2	89.8	89.8	90.2	90.5	90.5	91.2	91.5	92.8	95.1
≥ 1000	70.2	81.0	83.9	85.6	88.2	88.7	89.8	90.4	90.5	91.0	91.3	91.3	92.0	92.4	93.7	95.9
≥ 900	70.2	81.0	83.9	85.6	88.2	88.7	89.8	90.4	90.5	91.0	91.4	91.4	92.2	92.5	93.8	96.0
≥ 800	70.3	81.1	84.0	85.7	88.3	88.8	90.1	90.8	90.9	91.3	91.7	91.7	92.5	92.8	94.1	96.3
≥ 700	70.4	81.2	84.1	85.8	88.4	88.9	90.2	90.9	91.0	91.4	91.9	91.9	92.7	93.0	94.3	96.6
≥ 600	70.4	81.2	84.1	85.8	88.4	88.9	90.3	91.0	91.1	91.5	92.2	92.2	92.9	93.2	94.5	96.8
≥ 500	70.5	81.3	84.2	85.9	88.5	89.0	90.4	91.1	91.2	91.7	92.3	92.3	93.0	93.3	94.6	96.9
≥ 400	70.5	81.3	84.2	85.9	88.5	89.0	90.5	91.3	91.4	91.9	92.5	92.5	93.2	93.5	94.8	97.1
≥ 300	70.5	81.3	84.2	85.9	88.5	89.4	91.0	91.7	91.8	92.4	92.9	92.9	93.7	94.0	95.6	98.1
≥ 200	70.5	81.3	84.2	85.9	88.5	89.4	91.0	91.7	91.8	92.4	92.9	92.9	94.0	94.3	96.7	99.7
≥ 100	70.5	81.3	84.2	85.9	88.5	89.4	91.0	91.7	91.8	92.4	92.9	92.9	94.0	94.3	96.8	100.0
≥ 0	70.5	81.3	84.2	85.9	88.5	89.4	91.0	91.7	91.8	92.4	92.9	92.9	94.0	94.3	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-73,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	32.4	35.4	36.5	37.2	38.3	38.4	38.9	39.1	39.1	39.5	39.7	39.8	40.3	40.4	41.3	42.8
≥ 20000	35.7	39.0	40.3	41.1	42.2	42.4	42.8	43.1	43.1	43.5	43.7	43.8	44.3	44.4	45.5	47.2
≥ 18000	36.8	40.2	41.9	42.4	43.7	43.9	44.6	44.8	44.9	45.3	45.5	45.6	46.1	46.3	47.3	49.0
≥ 16000	36.8	40.2	41.5	42.4	43.7	43.9	44.6	44.8	44.9	45.3	45.5	45.6	46.1	46.3	47.3	49.1
≥ 14000	37.4	41.3	42.2	43.1	44.5	44.7	45.4	45.6	45.7	46.1	46.3	46.4	46.9	47.1	48.1	49.9
≥ 12000	38.4	42.2	43.5	44.4	45.8	46.0	46.8	47.0	47.0	47.5	47.7	47.8	48.3	48.5	49.5	51.3
≥ 10000	40.5	44.4	45.7	46.6	48.4	48.6	49.3	49.6	49.6	50.0	50.3	50.3	50.8	51.0	52.1	53.8
≥ 9000	41.2	45.1	46.5	47.4	49.1	49.4	50.1	50.3	50.4	50.8	51.0	51.1	51.6	51.8	52.8	54.6
≥ 8000	43.9	48.0	49.4	50.3	52.1	52.3	53.0	53.3	53.3	53.7	54.0	54.1	54.6	54.7	55.8	57.5
≥ 7000	46.2	50.4	51.8	52.8	54.6	54.8	55.5	55.8	55.8	56.2	56.5	56.6	57.1	57.2	58.3	60.2
≥ 6000	47.5	51.9	53.3	54.3	56.1	56.3	57.0	57.3	57.3	57.8	58.0	58.1	58.6	58.8	59.8	61.6
≥ 5000	49.9	54.3	55.8	56.9	58.7	58.9	59.7	59.9	59.9	60.4	60.6	60.7	61.2	61.4	62.4	64.2
≥ 4500	51.9	56.7	58.2	59.2	61.0	61.2	62.0	62.2	62.3	62.7	62.9	63.0	63.5	63.7	64.8	66.5
≥ 4000	55.8	60.9	62.4	63.5	65.4	65.6	66.3	66.6	66.7	67.1	67.3	67.4	67.9	68.1	69.2	71.0
≥ 3500	57.8	66.0	67.7	68.9	70.8	71.0	71.8	72.1	72.2	72.6	72.8	72.9	73.4	73.6	74.7	76.5
≥ 3000	54.7	71.0	72.7	74.1	76.0	76.3	77.1	77.3	77.4	77.8	78.1	78.2	78.7	78.9	80.0	81.8
≥ 2500	66.8	73.6	75.5	76.9	78.9	79.2	80.1	80.3	80.4	80.9	81.1	81.3	81.8	82.0	83.1	84.9
≥ 2000	69.2	77.1	79.3	80.9	83.1	83.5	84.4	84.7	84.8	85.3	85.6	85.7	86.3	86.4	87.5	89.4
≥ 1800	69.4	77.4	79.6	81.3	83.6	83.9	84.9	85.2	85.3	85.8	86.1	86.2	86.8	87.0	88.1	89.9
≥ 1500	69.9	78.2	80.5	82.3	84.7	85.1	86.3	86.7	86.8	87.4	87.7	87.8	88.4	88.6	89.7	91.6
≥ 1200	73.3	79.0	81.5	83.3	85.8	86.3	87.5	88.0	88.1	88.9	89.3	89.4	90.0	90.2	91.3	93.2
≥ 1000	70.3	79.2	81.7	83.6	86.3	86.8	88.0	88.6	88.8	89.6	90.1	90.3	90.9	91.2	92.3	94.2
≥ 900	70.4	79.3	81.8	83.7	86.4	86.9	88.2	88.8	89.1	89.9	90.3	90.5	91.2	91.5	92.6	94.4
≥ 800	70.5	79.4	81.9	83.8	86.6	87.1	88.5	89.1	89.4	90.3	90.8	91.0	91.8	92.0	93.1	95.0
≥ 700	70.5	79.5	82.0	83.9	86.7	87.2	88.6	89.3	89.5	90.4	91.0	91.3	92.0	92.3	93.4	95.3
≥ 600	70.5	79.5	82.0	84.0	86.8	87.4	88.8	89.5	89.8	90.7	91.4	91.6	92.4	92.7	93.8	95.8
≥ 500	70.5	79.6	82.2	84.2	87.0	87.6	89.0	89.8	90.1	91.0	91.7	91.9	92.7	93.0	94.2	96.2
≥ 400	70.5	79.6	82.2	84.2	87.1	87.7	89.2	90.0	90.3	91.2	91.9	92.2	93.0	93.3	94.6	96.7
≥ 300	70.5	79.7	82.3	84.3	87.2	87.8	89.4	90.2	90.4	91.5	92.3	92.5	93.4	93.8	95.5	98.1
≥ 200	70.5	79.7	82.3	84.3	87.3	87.8	89.4	90.3	90.6	91.7	92.4	92.7	93.8	94.2	96.4	99.6
≥ 100	70.5	79.7	82.3	84.3	87.3	87.8	89.4	90.3	90.6	91.7	92.4	92.7	93.8	94.2	96.4	99.9
≥ 0	70.5	79.7	82.3	84.3	87.3	87.8	89.4	90.3	90.6	91.7	92.4	92.7	93.8	94.2	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9-236
STATION

KINGSLEY FIELD OR
STATION NAME

8-70,73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	46.7	46.1	46.5	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.2	49.2	49.3	49.6	49.9	50.1
≥ 20000	51.4	52.8	53.2	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.9	53.9	54.0	54.4	54.6	54.8
≥ 18000	53.1	54.5	54.8	55.3	55.3	55.3	55.6	55.6	55.6	55.6	55.7	55.7	55.8	56.1	56.4	56.6
≥ 16000	53.1	54.5	54.8	55.3	55.3	55.3	55.6	55.6	55.6	55.6	55.7	55.7	55.8	56.1	56.4	56.6
≥ 14000	53.9	55.3	55.7	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.5	56.5	56.6	57.0	57.2	57.4
≥ 12000	54.7	56.2	56.5	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.3	57.3	57.4	57.8	58.0	58.3
≥ 10000	56.6	58.0	58.4	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.6	59.6	59.7	60.0	60.3	60.5
≥ 9000	57.3	58.6	59.0	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.2	60.2	60.3	60.6	60.9	61.1
≥ 8000	59.6	61.3	61.7	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.9	62.9	63.0	63.4	63.6	63.8
≥ 7000	62.2	64.1	64.4	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.6	65.6	65.7	66.1	66.3	66.5
≥ 6000	64.8	66.8	67.1	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.8	69.0	69.3
≥ 5000	66.9	68.9	69.3	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.6	70.9	71.2	71.4
≥ 4500	69.4	71.7	72.1	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.3	73.3	73.4	73.8	74.0	74.2
≥ 4000	73.4	75.9	76.4	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.7	78.0	78.3	78.5
≥ 3500	76.8	79.6	80.3	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.4	81.4	81.6	81.9	82.2	82.4
≥ 3000	80.3	83.5	84.3	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.5	85.5	85.6	85.9	86.2	86.4
≥ 2500	82.4	86.1	87.0	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.4	88.4	88.5	88.9	89.1	89.4
≥ 2000	84.3	88.8	90.1	91.1	91.5	91.5	92.0	92.0	92.0	92.0	92.1	92.1	92.2	92.6	92.8	93.0
≥ 1800	84.5	89.2	90.5	91.7	92.1	92.1	92.6	92.7	92.7	92.7	92.8	92.8	92.9	93.3	93.5	93.7
≥ 1500	85.3	90.2	91.4	92.6	92.9	92.9	93.5	94.0	94.1	94.1	94.2	94.2	94.3	94.7	94.9	95.2
≥ 1200	85.5	90.7	92.1	93.4	93.9	93.9	94.6	95.3	95.4	95.5	95.6	95.6	95.7	96.1	96.3	96.6
≥ 1000	85.6	91.0	92.4	93.7	94.2	94.2	94.9	95.6	95.7	95.9	96.0	96.0	96.1	96.5	96.7	96.9
≥ 900	85.6	91.0	92.4	93.7	94.2	94.2	94.9	95.6	95.7	95.9	96.0	96.0	96.1	96.5	96.7	96.9
≥ 800	85.6	91.0	92.7	94.2	94.7	94.7	95.4	96.5	96.6	96.7	96.8	96.8	96.9	97.3	97.5	97.8
≥ 700	85.6	91.0	92.7	94.4	94.9	94.9	95.8	96.7	96.8	96.9	97.0	97.0	97.2	97.5	97.8	98.0
≥ 600	85.6	91.0	92.7	94.6	95.0	95.0	95.7	96.8	96.9	97.0	97.2	97.2	97.3	97.8	98.0	98.2
≥ 500	85.6	91.0	92.7	94.6	95.2	95.3	96.1	97.3	97.4	97.5	97.9	98.0	98.0	98.6	98.8	99.4
≥ 400	85.6	91.0	92.7	94.6	95.2	95.3	96.1	97.4	97.5	98.1	98.2	98.2	98.3	98.8	99.1	99.6
≥ 300	85.6	91.0	92.7	94.6	95.2	95.3	96.1	97.4	97.5	98.1	98.2	98.2	98.3	98.8	99.2	99.8
≥ 200	85.6	91.0	92.7	94.6	95.2	95.3	96.1	97.4	97.5	98.2	98.3	98.3	98.5	98.9	99.4	100.0
≥ 100	85.6	91.0	92.7	94.6	95.2	95.3	96.1	97.4	97.5	98.2	98.3	98.3	98.5	98.9	99.4	100.0
≥ 0	85.6	91.0	92.7	94.6	95.2	95.3	96.1	97.4	97.5	98.2	98.3	98.3	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

44236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	45.7	47.6	48.2	48.3	48.3	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.7	48.8	49.5	50.0
≥ 20000	48.8	50.7	51.3	51.5	51.5	51.7	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.1	52.8	53.3
≥ 18000	51.4	53.3	53.9	54.1	54.1	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.7	55.4	55.9
≥ 16000	51.4	53.3	53.9	54.1	54.1	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.7	55.4	55.9
≥ 14000	51.9	53.3	54.4	54.6	54.6	54.7	54.8	54.8	54.8	55.0	55.0	55.0	55.1	55.2	55.9	56.4
≥ 12000	52.4	54.3	54.8	55.1	55.1	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.6	55.7	56.4	56.9
≥ 10000	53.5	55.4	56.0	56.3	56.3	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.9	57.6	58.0
≥ 9000	54.0	55.9	56.5	56.7	56.7	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.3	58.0	58.5
≥ 8000	55.7	59.1	59.6	59.8	59.8	59.9	60.0	60.2	60.2	60.3	60.3	60.3	60.4	60.5	61.2	61.8
≥ 7000	58.6	60.9	61.9	61.7	61.7	61.8	61.9	62.1	62.1	62.2	62.2	62.2	62.3	62.4	63.1	63.7
≥ 6000	61.3	63.9	64.9	65.1	65.1	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.7	65.8	66.5	67.1
≥ 5000	64.1	66.7	67.7	68.2	68.2	68.3	68.2	68.3	68.3	68.4	68.4	68.4	68.6	68.7	69.7	70.3
≥ 4500	65.5	68.2	69.3	69.5	69.5	69.6	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.2	71.3
≥ 4000	69.4	72.2	73.4	73.6	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.3	75.4	76.0
≥ 3500	72.7	75.7	77.0	77.3	77.3	77.4	77.5	77.7	77.7	77.8	77.8	77.8	77.9	78.0	79.1	79.7
≥ 3000	77.4	80.9	82.4	82.7	82.9	83.0	83.2	83.6	83.6	83.7	83.7	83.7	83.8	83.9	85.0	85.6
≥ 2500	79.9	84.0	85.8	86.4	86.6	86.6	87.1	87.5	87.5	87.6	87.6	87.6	87.7	87.9	89.0	89.6
≥ 2000	82.0	86.8	88.9	89.6	90.2	90.3	90.9	91.4	91.4	91.5	91.5	91.5	91.6	91.8	92.9	93.5
≥ 1800	82.2	87.1	89.2	90.2	90.5	90.7	91.3	91.7	91.7	91.8	91.8	91.8	92.0	92.2	93.3	93.9
≥ 1500	82.7	87.9	90.1	91.0	91.6	91.8	92.4	93.0	93.0	93.1	93.1	93.1	93.3	93.4	94.7	95.3
≥ 1200	83.2	88.7	90.8	92.1	92.8	93.0	93.7	94.4	94.4	94.6	94.7	94.7	94.8	95.0	96.1	96.7
≥ 1000	83.3	89.3	91.1	92.4	93.1	93.4	94.1	94.9	94.9	95.0	95.2	95.3	95.4	95.6	96.7	97.3
≥ 900	83.3	89.0	91.1	92.4	93.1	93.4	94.1	94.9	94.9	95.0	95.2	95.3	95.4	95.6	96.7	97.3
≥ 800	83.3	89.0	91.1	92.4	93.1	93.4	94.1	95.2	95.2	95.3	95.4	95.5	95.6	95.9	96.9	97.5
≥ 700	83.6	89.2	91.4	92.7	93.4	93.6	94.3	95.6	95.6	95.9	96.0	96.1	96.2	96.5	97.5	98.1
≥ 600	83.6	89.2	91.4	92.7	93.5	93.7	94.4	95.7	95.7	96.0	96.1	96.2	96.3	96.6	97.6	98.2
≥ 500	83.6	89.4	91.5	92.8	93.6	93.9	94.6	95.9	95.9	96.2	96.3	96.5	96.6	96.7	97.0	98.2
≥ 400	83.6	89.4	91.5	92.8	93.7	94.0	94.7	96.0	96.0	96.5	96.6	96.7	96.8	97.4	98.6	99.2
≥ 300	83.6	89.4	91.5	92.8	94.7	94.0	94.7	96.0	96.0	96.5	96.6	96.7	96.9	97.5	98.9	99.5
≥ 200	83.6	89.4	91.5	92.8	93.7	94.0	94.7	96.0	96.0	96.5	96.6	96.7	96.9	97.5	99.1	99.6
≥ 100	83.6	89.4	91.5	92.8	93.7	94.0	94.7	96.0	96.0	96.5	96.6	96.7	96.9	97.5	99.1	99.6
≥ 0	83.6	89.5	91.6	92.9	93.9	94.1	94.8	96.1	96.1	96.6	96.7	96.8	97.0	97.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AD-WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6-235
STATION

KINGSLEY FIELD OR
STATION NAME

55-70,73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥0
NO CEILING	39.1	39.6	43.2	45.3	46.5	40.5	40.7	40.9	40.9	41.0	41.0	41.0	41.8	42.3	42.9	43.7
≥ 20000	42.1	42.6	43.7	43.4	43.6	43.7	43.9	44.1	44.1	44.2	44.2	44.2	45.0	45.5	46.1	46.9
≥ 18000	45.3	45.7	46.5	45.6	46.8	46.9	47.3	47.3	47.3	47.4	47.4	47.4	48.3	48.8	49.4	50.2
≥ 16000	45.3	45.7	46.5	46.6	46.8	46.9	47.3	47.3	47.3	47.4	47.4	47.4	48.3	48.8	49.4	50.2
≥ 14000	45.3	45.7	46.8	46.9	47.2	47.3	47.4	47.6	47.6	47.8	47.8	47.8	48.7	49.2	49.8	50.6
≥ 12000	46.1	46.8	47.5	47.6	47.9	48.3	48.1	48.3	48.3	48.5	48.5	48.5	49.4	49.9	50.5	51.3
≥ 10000	49.8	50.6	51.3	51.4	51.7	51.8	51.9	52.1	52.1	52.2	52.2	52.2	53.2	53.7	54.3	55.2
≥ 9000	50.6	51.4	52.1	52.2	52.5	52.6	52.7	53.0	53.0	53.1	53.1	53.1	54.0	54.5	55.1	56.0
≥ 8000	53.5	54.9	55.3	55.3	55.8	55.7	55.8	56.1	56.1	56.5	56.5	56.5	57.4	57.9	58.5	59.5
≥ 7000	55.8	56.7	57.4	57.6	57.8	57.9	58.0	58.4	58.4	58.7	58.7	58.7	59.7	60.2	60.8	61.7
≥ 6000	58.6	59.9	60.6	60.8	61.0	61.1	61.2	61.6	61.6	61.9	61.9	61.9	62.9	63.4	63.9	64.9
≥ 5000	62.3	63.6	64.3	64.4	64.7	64.8	64.9	65.2	65.2	65.6	65.6	65.6	66.5	67.0	67.6	68.6
≥ 4500	63.6	65.5	66.3	66.4	66.7	66.8	66.9	67.3	67.3	67.6	67.7	67.7	68.7	69.1	69.7	70.7
≥ 4000	68.7	70.4	71.4	71.5	71.9	72.3	72.1	72.5	72.5	72.8	72.9	72.9	73.9	74.3	74.9	75.9
≥ 3500	71.3	73.9	74.6	74.9	75.3	75.4	75.5	75.9	75.9	76.2	76.4	76.4	77.3	77.8	78.4	79.3
≥ 3000	76.1	79.2	80.3	80.4	80.7	81.0	81.2	81.6	81.8	82.2	82.4	82.4	83.3	83.8	84.4	85.6
≥ 2500	79.0	82.5	83.7	83.9	84.3	84.5	84.9	85.2	85.5	85.8	86.1	86.1	87.0	87.5	88.1	89.1
≥ 2000	81.4	86.2	87.2	87.6	88.1	88.3	88.8	89.1	89.4	89.7	90.0	90.0	90.9	91.4	92.0	93.0
≥ 1800	81.7	86.4	87.6	87.9	88.4	88.7	89.1	89.5	89.7	90.1	90.3	90.3	91.3	91.7	92.3	93.4
≥ 1500	82.3	87.0	88.3	88.8	89.4	89.6	90.3	90.7	90.9	91.3	91.7	91.7	92.7	93.1	93.7	94.8
≥ 1200	82.7	87.6	88.9	89.4	90.2	90.4	91.1	91.6	91.8	92.2	92.7	92.7	93.7	94.2	94.8	95.9
≥ 1000	82.9	87.7	89.1	89.8	90.7	90.9	91.6	92.2	92.4	92.9	93.5	93.6	94.8	95.3	95.9	96.9
≥ 900	82.9	87.7	89.1	90.0	90.8	91.0	91.7	92.3	92.6	93.0	93.6	93.7	94.9	95.4	96.0	97.0
≥ 800	83.1	88.1	89.0	90.5	91.4	91.5	92.4	93.3	93.5	94.0	94.6	94.7	95.9	96.3	96.9	98.0
≥ 700	83.2	88.3	90.0	91.0	91.8	92.1	92.9	93.7	94.0	94.4	95.0	95.2	96.3	96.8	97.4	98.5
≥ 600	83.2	88.3	90.0	91.0	92.0	92.2	93.0	94.0	94.2	94.7	95.3	95.4	96.6	97.0	97.6	98.7
≥ 500	83.2	88.3	90.0	91.0	92.1	92.3	93.1	94.1	94.3	94.8	95.4	95.5	96.7	97.2	97.9	99.2
≥ 400	83.2	88.3	90.0	91.0	92.1	92.3	93.1	94.1	94.3	94.9	95.5	95.6	96.8	97.4	98.1	99.5
≥ 300	83.2	88.3	90.0	91.0	92.2	92.4	93.3	94.2	94.4	95.0	95.6	95.7	96.9	97.5	98.2	99.8
≥ 200	83.2	88.3	90.0	91.0	92.2	92.4	93.3	94.2	94.4	95.0	95.6	95.7	96.9	97.5	98.2	99.9
≥ 100	83.2	88.3	90.0	91.0	92.2	92.4	93.3	94.2	94.4	95.0	95.6	95.7	96.9	97.5	98.3	100.0
≥ 0	83.2	88.3	90.0	91.0	92.2	92.4	93.3	94.2	94.4	95.0	95.6	95.7	96.9	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9-236 KINGSLEY FIELD OR

68-79, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	41.4	41.8	42.1	42.1	42.1	42.1	42.2	42.3	42.3	42.4	42.4	42.4	42.6	42.6	42.8	43.1
≥ 20000	45.3	45.7	46.0	46.0	46.0	46.0	46.1	46.2	46.2	46.3	46.3	46.3	46.6	46.6	46.9	47.2
≥ 18000	47.1	47.8	48.0	48.0	48.0	48.1	48.2	48.3	48.3	48.6	48.6	48.6	49.1	49.1	49.3	49.6
≥ 16000	47.2	47.9	49.1	48.1	48.1	48.1	48.3	48.5	48.5	48.7	48.7	48.7	49.2	49.2	49.4	49.8
≥ 14000	47.4	48.1	48.3	48.3	48.3	48.3	48.6	48.7	48.7	48.9	48.9	48.9	49.4	49.4	49.6	50.0
≥ 12000	48.2	49.1	49.3	49.3	49.3	49.3	49.5	49.6	49.6	49.9	49.9	49.9	50.4	50.4	50.6	50.9
≥ 10000	51.5	52.5	52.7	52.8	52.8	52.8	53.1	53.2	53.2	53.4	53.4	53.4	54.0	54.0	54.3	54.6
≥ 9000	51.8	52.7	53.0	53.1	53.1	53.1	53.3	53.4	53.4	53.7	53.7	53.7	54.3	54.3	54.5	54.8
≥ 8000	54.8	55.8	56.0	56.1	56.1	56.1	56.4	56.5	56.5	56.7	56.7	56.7	57.3	57.3	57.6	57.9
≥ 7000	58.0	59.0	59.2	59.3	59.3	59.3	59.6	59.7	59.7	59.9	59.9	59.9	60.5	60.5	60.8	61.1
≥ 6000	60.9	61.8	62.1	62.2	62.2	62.2	62.5	62.6	62.6	62.9	62.9	62.9	63.5	63.5	63.7	64.1
≥ 5000	63.6	64.5	64.8	64.9	64.9	64.9	65.2	65.4	65.4	65.6	65.6	65.6	66.2	66.2	66.4	66.8
≥ 4500	64.2	65.1	65.4	65.5	65.5	65.5	65.8	66.0	66.0	66.3	66.3	66.3	66.9	66.9	67.1	67.5
≥ 4000	66.0	66.9	67.4	67.5	67.5	67.5	67.9	70.0	70.0	70.3	70.3	70.3	70.9	70.9	71.2	71.5
≥ 3500	71.1	73.0	73.3	73.4	73.4	73.4	73.8	73.9	73.9	74.2	74.2	74.2	74.8	74.8	75.1	75.4
≥ 3000	78.2	80.0	80.4	80.5	80.5	80.5	80.9	81.2	81.0	81.3	81.3	81.3	81.9	81.9	82.2	82.5
≥ 2500	83.9	83.1	83.5	83.6	83.6	83.6	83.9	84.0	84.0	84.4	84.4	84.4	85.0	85.0	85.2	85.6
≥ 2000	84.5	87.2	88.2	88.4	88.4	88.4	89.1	89.2	89.2	89.6	89.6	89.6	90.2	90.2	90.4	90.8
≥ 1800	84.9	88.2	88.7	88.9	88.9	89.0	89.8	90.0	90.0	90.3	90.3	90.3	90.9	90.9	91.1	91.5
≥ 1500	85.3	89.1	89.6	89.8	90.1	90.2	91.3	91.4	91.4	91.7	91.7	91.7	92.3	92.3	92.6	92.9
≥ 1200	86.1	90.3	90.9	91.1	91.4	91.5	92.7	93.1	93.1	93.7	93.7	93.7	94.6	94.6	94.8	95.2
≥ 1000	86.2	90.4	91.0	91.3	91.5	91.7	92.9	93.5	93.5	94.4	94.4	94.4	95.6	95.6	95.9	96.2
≥ 900	86.3	90.4	91.0	91.3	91.6	91.7	92.9	93.5	93.6	94.6	94.6	94.6	95.0	95.7	95.7	96.3
≥ 800	86.2	90.6	91.6	91.8	92.2	92.3	93.5	94.2	94.6	95.5	95.5	95.5	96.0	96.7	96.7	97.3
≥ 700	86.4	91.0	91.8	92.1	92.4	92.6	93.7	94.4	94.8	95.9	96.2	96.3	97.0	97.0	97.3	97.6
≥ 600	86.5	91.3	92.2	92.4	92.8	92.9	94.1	94.8	95.2	96.2	96.6	96.7	97.4	97.4	97.8	98.1
≥ 500	86.6	91.4	92.3	92.6	92.9	93.0	94.2	94.9	95.3	96.3	96.7	96.8	97.5	97.6	98.3	98.7
≥ 400	86.6	91.4	92.3	92.6	92.9	93.0	94.2	94.9	95.3	96.3	96.7	96.8	97.5	97.6	98.6	98.9
≥ 300	86.5	91.6	92.6	93.0	93.4	93.5	94.7	95.4	95.7	97.2	97.5	97.6	98.5	98.6	99.5	100.0
≥ 200	86.8	91.6	92.6	93.0	93.4	93.5	94.7	95.4	95.7	97.2	97.5	97.6	98.5	98.6	99.5	100.0
≥ 100	86.8	91.6	92.6	93.0	93.4	93.5	94.7	95.4	95.7	97.2	97.5	97.6	98.5	98.6	99.5	100.0
≥ 0	86.8	91.6	92.6	93.0	93.4	93.5	94.7	95.4	95.7	97.2	97.5	97.6	98.5	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1236
STATION

KINGSLEY FIELD OR
STATION NAME

65-70.73-79
TIME

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1900
TIME

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	45.3	45.4	45.5	45.7	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 18000	48.7	48.8	48.9	49.2	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 16000	48.7	48.8	48.9	49.2	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 14000	49.1	49.2	49.3	49.5	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	50.1	50.2	50.4	50.6	50.8	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	52.4	52.5	52.6	52.8	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 9000	52.8	53.0	53.1	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 8000	56.1	56.3	56.4	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 7000	57.9	58.3	58.4	58.6	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 6000	59.9	60.4	60.5	60.8	61.0	61.1	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	61.8	62.4	62.5	62.8	63.0	63.1	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 4500	62.9	63.5	63.6	63.8	64.1	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	67.1	68.0	68.1	68.3	68.6	68.7	68.8	68.9	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3500	73.5	74.5	74.6	74.8	75.1	75.2	75.3	75.4	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	81.3	82.5	82.9	83.3	83.6	83.7	83.8	84.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	83.6	85.1	85.5	85.9	86.2	86.3	86.4	86.8	86.8	87.3	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	87.1	89.1	89.8	90.5	91.0	91.1	91.3	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	87.4	89.6	90.4	91.1	91.7	91.8	92.1	92.5	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	88.3	90.7	91.7	92.4	93.3	93.4	93.7	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	89.6	92.1	93.1	94.1	94.9	95.0	95.5	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	90.0	92.6	93.7	95.0	95.9	96.0	96.5	96.9	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	90.1	92.8	94.0	95.3	96.1	96.2	96.7	97.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	90.2	93.0	94.2	95.5	96.5	96.6	97.0	97.5	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	90.3	93.1	94.3	95.6	96.6	96.7	97.2	97.6	97.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	90.7	93.6	94.8	96.1	97.0	97.2	97.6	98.1	98.2	98.7	99.1	99.3	99.3	99.3	99.3	99.3
≥ 500	90.7	93.6	94.8	96.1	97.0	97.2	97.6	98.1	98.2	98.7	99.2	99.4	99.5	99.5	99.5	99.5
≥ 400	90.7	93.6	94.8	96.1	97.0	97.2	97.6	98.1	98.2	98.7	99.2	99.4	99.5	99.5	99.5	99.5
≥ 300	90.7	93.7	94.9	96.2	97.2	97.3	97.8	98.2	98.3	98.8	99.3	99.5	100.0	100.0	100.0	100.0
≥ 200	90.7	93.7	94.9	96.2	97.2	97.3	97.8	98.2	98.3	98.8	99.3	99.5	100.0	100.0	100.0	100.0
≥ 100	90.7	93.7	94.9	96.2	97.2	97.3	97.8	98.2	98.3	98.8	99.3	99.5	100.0	100.0	100.0	100.0
≥ 0	90.7	93.7	94.9	96.2	97.2	97.3	97.8	98.2	98.3	98.8	99.3	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

54230 KINGSLEY FIELD OR

53-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥20000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥18000	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥16000	45.6	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥14000	46.8	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥12000	42.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥10000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥9000	55.6	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥8000	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥7000	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥6000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥5000	64.7	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥4500	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥4000	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥3500	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥3000	83.9	84.8	85.1	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥2500	87.5	88.7	89.1	89.1	89.1	89.5	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥2000	90.8	92.7	93.4	93.7	94.2	94.3	94.3	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥1800	91.1	93.4	93.9	94.2	94.7	94.8	94.8	94.9	95.3	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥1500	91.7	93.9	94.6	94.9	95.4	95.5	95.5	95.6	95.7	96.3	96.3	96.3	96.1	96.1	96.1	96.1
≥1200	91.8	94.2	94.9	95.7	96.2	96.3	96.5	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥1000	92.2	94.7	95.4	96.2	96.9	97.0	97.2	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥900	92.2	94.7	95.4	96.2	96.9	97.0	97.2	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥800	92.2	94.7	95.4	96.2	96.9	97.0	97.2	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥700	92.2	94.7	95.4	96.2	96.9	97.0	97.2	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥600	92.6	95.0	95.7	96.7	97.4	97.5	97.6	98.1	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥500	92.6	95.0	95.7	96.7	97.4	97.5	97.6	98.1	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥400	92.6	95.0	95.7	96.7	97.4	97.5	97.6	98.1	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥300	92.6	95.0	95.7	96.7	97.4	97.5	97.6	98.1	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥200	92.6	95.0	95.7	96.7	97.4	97.5	97.6	98.1	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥100	92.6	95.0	95.7	96.7	97.4	97.5	97.6	98.1	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥0	92.6	95.0	95.7	96.7	97.4	97.5	97.6	98.1	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1830-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥20000	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥18000	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥16000	48.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥14000	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥12000	51.3	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥10000	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥9000	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥8000	56.3	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥7000	58.4	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥6000	63.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥5000	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥4500	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥4000	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥3500	80.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥3000	84.2	85.5	85.7	85.8	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
≥2500	86.9	88.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥2000	89.2	92.0	92.4	92.8	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5
≥1800	89.8	92.6	93.3	93.6	93.9	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥1500	90.3	93.7	94.0	94.9	95.2	95.3	95.5	95.6	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0
≥1200	91.1	94.1	94.4	95.4	95.6	95.7	96.1	96.2	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥1000	91.4	94.7	95.0	96.0	96.2	96.5	96.8	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥900	91.4	94.7	95.0	96.0	96.2	96.5	96.7	97.0	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥800	91.4	94.7	95.0	96.0	96.2	96.5	96.7	97.0	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥700	91.3	94.9	95.9	96.6	96.8	97.0	97.5	97.6	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥600	91.5	94.9	95.9	96.6	96.8	97.0	97.8	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥500	91.5	94.9	95.9	96.6	96.8	97.0	97.8	98.0	98.0	98.3	98.6	98.7	98.7	98.7	98.7	98.7
≥400	91.5	95.2	96.2	97.2	97.4	97.8	98.5	98.8	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥300	91.5	95.2	96.2	97.2	97.4	97.8	98.5	98.8	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥200	91.5	95.2	96.3	97.3	97.5	97.9	98.6	98.9	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8
≥100	91.5	95.2	96.3	97.3	97.5	97.9	98.6	98.9	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8
≥0	91.5	95.2	96.3	97.3	97.5	97.9	98.6	98.9	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94276 LINGSLEY FIELD OR

68-70,73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	49.9	51.1	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.7	51.7
≥ 20000	53.1	54.5	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.0	55.1	55.1
≥ 18000	55.6	57.2	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.8	57.8
≥ 16000	55.7	57.3	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.9	57.9
≥ 14000	56.4	58.0	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.6	58.6
≥ 12000	57.1	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.3	59.3
≥ 10000	59.2	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.5	61.5
≥ 9000	59.5	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.7	61.7
≥ 8000	61.8	63.7	63.8	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.4
≥ 7000	64.8	66.7	66.8	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.4	67.4
≥ 6000	66.1	68.1	68.2	68.2	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.9	68.9
≥ 5000	68.3	70.3	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.2	71.2
≥ 4500	70.7	72.7	72.8	72.8	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.5	73.5
≥ 4000	75.7	78.0	78.1	78.1	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	79.0	79.0
≥ 3500	77.9	80.5	80.6	80.6	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.4	81.4
≥ 3000	80.1	83.3	83.7	83.8	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.6	84.6
≥ 2500	83.3	87.1	87.5	87.6	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.4	88.4
≥ 2000	85.1	89.6	90.0	90.4	90.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.4	91.4
≥ 1800	85.3	90.1	90.5	91.0	91.5	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.3	92.3
≥ 1500	86.6	91.3	91.7	92.6	93.1	93.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.2	94.2
≥ 1200	86.8	92.1	92.4	93.3	94.0	94.2	94.3	94.9	94.9	94.9	95.0	95.2	95.2	95.3	95.5	95.5
≥ 1000	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 900	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 800	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 700	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 600	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 500	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 400	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 300	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 200	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 100	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2
≥ 0	86.8	92.3	92.8	94.1	94.9	95.2	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.9	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94256
STATION

KINGSLEY FIELD OR
STATION NAME

55-70,73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS - 121

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	43.1	43.9	44.1	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.5	44.5	44.6	44.7	45.0	45.2
≥ 20000	46.8	47.7	48.0	48.1	48.2	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.6	48.7	48.9	49.2
≥ 18000	45.4	50.3	50.6	50.7	50.8	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.3	51.4	51.7	51.9
≥ 16000	49.4	50.4	50.6	50.8	50.8	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.3	51.4	51.7	51.9
≥ 14000	50.1	51.0	51.3	51.4	51.5	51.5	51.6	51.7	51.7	51.7	51.8	51.8	52.0	52.1	52.3	52.6
≥ 12000	51.2	52.1	52.4	52.5	52.6	52.6	52.7	52.8	52.8	52.9	52.9	52.9	53.1	53.2	53.4	53.7
≥ 10000	53.8	54.8	55.1	55.3	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.9	56.0	56.2	56.5
≥ 9000	54.5	55.5	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.5	56.7	56.9	57.2
≥ 8000	57.2	58.3	58.6	58.8	58.9	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.4	59.6	59.8	60.1
≥ 7000	59.9	61.1	61.4	61.6	61.7	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.2	62.4	62.6	62.9
≥ 6000	62.2	63.6	63.9	64.1	64.2	64.2	64.3	64.5	64.5	64.6	64.6	64.6	64.8	64.9	65.2	65.4
≥ 5000	64.0	66.2	66.5	66.7	66.8	66.8	66.9	67.0	67.0	67.1	67.1	67.1	67.4	67.5	67.8	68.1
≥ 4500	65.7	68.2	68.5	68.7	68.8	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.4	69.6	69.9	70.1
≥ 4000	71.2	72.9	73.3	73.4	73.5	73.6	73.7	73.8	73.8	74.0	74.0	74.0	74.2	74.3	74.6	74.9
≥ 3500	75.2	77.1	77.5	77.7	77.9	77.9	78.0	78.1	78.1	78.3	78.3	78.3	78.5	78.7	79.0	79.2
≥ 3000	80.2	82.4	83.1	83.3	83.5	83.6	83.7	83.9	84.0	84.1	84.2	84.2	84.4	84.5	84.8	85.1
≥ 2500	82.9	85.7	86.0	86.7	86.9	87.0	87.2	87.4	87.4	87.6	87.6	87.6	87.9	88.0	88.3	88.6
≥ 2000	85.5	89.1	90.0	90.6	90.9	91.0	91.3	91.5	91.5	91.6	91.7	91.8	92.0	92.2	92.5	92.8
≥ 1800	85.9	89.5	90.5	91.1	91.5	91.6	91.9	92.2	92.2	92.4	92.4	92.5	92.7	92.8	93.1	93.4
≥ 1500	86.4	90.4	91.5	92.1	92.6	92.7	93.2	93.5	93.6	93.8	93.9	93.9	94.1	94.3	94.6	94.9
≥ 1200	87.1	91.2	92.3	93.1	93.6	93.8	94.3	94.8	94.8	95.1	95.2	95.2	95.5	95.7	96.0	96.2
≥ 1000	87.3	91.5	92.6	93.6	94.2	94.4	95.0	95.5	95.5	95.9	96.1	96.1	96.4	96.6	96.9	97.1
≥ 900	87.3	91.5	92.6	93.6	94.2	94.4	95.0	95.5	95.5	95.9	96.1	96.2	96.5	96.6	96.9	97.2
≥ 800	87.3	91.7	92.9	93.9	94.5	94.7	95.3	96.0	96.2	96.5	96.8	96.8	97.1	97.3	97.5	97.8
≥ 700	87.4	91.8	93.0	94.1	94.8	95.0	95.6	96.3	96.5	96.8	97.1	97.2	97.5	97.6	97.9	98.2
≥ 600	87.5	92.1	93.2	94.3	95.0	95.2	95.9	96.6	96.7	97.1	97.4	97.5	97.8	98.0	98.3	98.6
≥ 500	87.6	92.0	93.2	94.4	95.1	95.3	95.7	96.8	96.9	97.4	97.7	97.7	97.9	98.2	98.4	98.8
≥ 400	87.6	92.0	93.3	94.4	95.2	95.4	96.1	96.9	97.1	97.7	97.9	98.1	98.4	98.6	99.1	99.5
≥ 300	87.6	92.1	93.3	94.5	95.3	95.5	96.2	97.0	97.2	97.8	98.1	98.3	98.7	98.9	99.4	99.8
≥ 200	87.6	92.1	93.3	94.5	95.3	95.5	96.2	97.0	97.2	97.8	98.1	98.3	98.7	98.9	99.5	99.9
≥ 100	87.6	92.1	93.3	94.5	95.3	95.5	96.2	97.0	97.2	97.8	98.1	98.3	98.7	98.9	99.5	100.0
≥ 0	87.6	92.1	93.4	94.5	95.3	95.5	96.2	97.0	97.2	97.9	98.2	98.3	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATE LOG BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6-236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70.73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS - LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	59.7	59.4	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥20000	61.8	62.3	62.4	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥18000	62.5	62.9	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥16000	62.5	62.9	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥14000	62.5	63.3	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥12000	63.4	63.9	64.0	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥10000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥9000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥8000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥7000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥6000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥5000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥4500	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥4000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥3500	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥3000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥2500	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥2000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥1800	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥1500	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥1200	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥1000	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥900	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥800	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥700	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥600	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥500	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥400	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥300	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥200	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥100	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥0	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

65-70,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	56.8	56.8	57.1	57.0	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	58.0	58.1
≥ 20000	59.7	59.8	60.1	60.1	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.7	61.1	61.3
≥ 18000	60.8	60.9	61.1	61.1	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.8	62.2	62.3
≥ 16000	60.8	60.9	61.1	61.1	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.8	62.2	62.3
≥ 14000	61.0	61.1	61.4	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0	62.4	62.6
≥ 12000	61.1	61.3	61.5	61.5	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.1	62.6	62.7
≥ 10000	65.8	65.9	66.1	66.2	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.9	67.4	67.5
≥ 9000	66.5	66.7	66.9	67.0	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.6	68.2	68.3
≥ 8000	68.9	69.2	69.4	69.5	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.7	70.8
≥ 7000	70.9	71.1	71.3	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.1	72.6	72.7
≥ 6000	72.3	72.5	72.7	72.8	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5	74.0	74.1
≥ 5000	74.1	74.8	75.1	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.8	76.3	76.4
≥ 4500	75.8	76.5	76.8	76.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.6	78.1	78.2
≥ 4000	79.4	80.2	80.5	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.4	81.9	82.0
≥ 3500	81.5	82.5	82.8	83.1	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.9	84.4	84.5
≥ 3000	86.1	88.0	88.3	88.7	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6	90.2	90.3
≥ 2500	88.6	90.8	91.2	91.7	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.6	93.2	93.3
≥ 2000	90.5	93.3	93.9	94.5	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.7	96.3	96.4
≥ 1800	90.5	93.7	94.4	94.9	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.1	96.8	96.9
≥ 1500	91.5	94.7	95.3	96.0	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.2	97.8	97.9
≥ 1200	91.6	95.1	95.8	96.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.8	98.5	98.6
≥ 1000	91.7	95.1	96.0	96.8	97.8	97.8	97.9	97.9	98.1	98.3	98.3	98.3	98.4	98.5	99.1	99.2
≥ 900	91.7	95.1	96.0	96.6	97.8	97.8	97.9	97.9	98.1	98.3	98.3	98.3	98.4	98.5	99.1	99.2
≥ 800	91.7	95.1	96.0	96.6	97.8	97.8	97.9	97.9	98.1	98.3	98.3	98.3	98.4	98.5	99.1	99.2
≥ 700	91.7	95.1	96.0	96.6	97.9	97.9	98.1	98.1	98.2	98.4	98.4	98.4	98.5	98.6	99.2	99.4
≥ 600	91.7	95.1	96.0	96.6	97.9	97.9	98.1	98.1	98.2	98.4	98.4	98.4	98.5	98.6	99.2	99.4
≥ 500	91.7	95.1	96.0	96.6	97.9	97.9	98.2	98.2	98.3	98.5	98.5	98.5	98.6	98.7	99.4	99.5
≥ 400	91.9	95.3	96.2	96.9	98.2	98.2	98.4	98.4	98.5	98.7	98.7	98.7	98.8	98.9	99.6	99.7
≥ 300	91.9	95.3	96.2	96.9	98.2	98.2	98.5	98.5	98.6	98.8	98.8	98.8	98.9	99.0	99.7	99.8
≥ 200	91.9	95.3	96.2	96.9	98.2	98.2	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.2	99.9	100.0
≥ 100	91.9	95.3	96.2	96.9	98.2	98.2	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.2	99.9	100.0
≥ 0	91.9	95.3	96.2	96.9	98.2	98.2	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9476 STATION KINGSLEY FIELD OR

65-75, 73-79

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LT)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	49.5	49.9	49.9	49.9	50.3	50.3	50.3	50.3	50.4	50.5	50.6	50.7	50.7	50.8	50.9	50.9
≥ 20000	53.9	54.5	54.6	54.6	54.9	54.9	54.9	54.9	55.0	55.1	55.2	55.3	55.3	55.4	55.5	55.5
≥ 18000	55.9	56.4	56.5	56.5	56.8	56.8	56.8	56.8	56.9	57.1	57.2	57.3	57.3	57.4	57.5	57.5
≥ 16000	56.1	56.5	56.6	56.6	56.9	56.9	56.9	56.9	57.1	57.2	57.3	57.4	57.4	57.5	57.6	57.6
≥ 14000	56.5	57.1	57.2	57.2	57.5	57.5	57.5	57.5	57.6	57.7	57.8	57.9	57.9	58.0	58.1	58.1
≥ 12000	56.8	57.4	57.5	57.5	57.8	57.8	57.8	57.8	57.9	58.0	58.1	58.2	58.2	58.3	58.4	58.4
≥ 10000	51.7	62.2	62.3	62.3	62.6	62.6	62.6	62.6	62.8	62.9	63.0	63.1	63.1	63.2	63.3	63.3
≥ 9000	62.6	63.3	63.4	63.4	63.7	63.7	63.7	63.7	63.8	63.9	64.0	64.2	64.2	64.3	64.4	64.4
≥ 8000	64.2	65.6	65.7	65.7	66.1	66.1	66.1	66.1	66.2	66.3	66.4	66.5	66.5	66.6	66.7	66.7
≥ 7000	67.2	67.8	67.9	67.9	68.4	68.4	68.4	68.4	68.5	68.6	68.7	68.8	68.8	68.9	69.0	69.1
≥ 6000	55.7	69.3	69.4	69.4	69.9	69.9	69.9	69.9	70.0	70.1	70.2	70.3	70.3	70.4	70.5	70.6
≥ 5000	71.7	72.3	72.4	72.4	72.9	72.9	72.9	72.9	73.0	73.1	73.2	73.3	73.3	73.4	73.5	73.6
≥ 4500	74.1	74.7	74.9	74.9	75.5	75.5	75.5	75.5	75.6	75.7	75.8	75.9	75.9	76.0	76.1	76.2
≥ 4000	77.2	77.8	78.0	78.0	78.6	78.6	78.6	78.6	78.7	78.8	78.9	79.0	79.0	79.1	79.2	79.3
≥ 3500	81.4	81.4	81.8	81.8	82.5	82.5	82.5	82.5	82.6	82.7	82.8	82.9	82.9	83.0	83.1	83.2
≥ 3000	86.1	87.1	87.8	87.9	88.7	88.7	88.7	88.7	88.8	88.9	89.0	89.1	89.1	89.2	89.3	89.5
≥ 2500	87.1	88.7	89.5	89.6	90.3	90.3	90.3	90.3	90.4	90.5	90.7	90.9	90.9	91.0	91.1	91.2
≥ 2000	89.6	92.0	93.2	93.3	94.2	94.2	94.2	94.3	94.4	94.5	94.7	94.8	94.8	95.0	95.2	95.3
≥ 1800	89.6	92.0	93.2	93.3	94.2	94.2	94.2	94.3	94.4	94.5	94.7	94.8	94.8	95.0	95.2	95.3
≥ 1600	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 1400	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 1200	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 1000	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 900	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 800	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 700	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 600	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 500	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 400	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 300	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 200	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 100	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2
≥ 0	90.5	93.3	94.5	94.7	95.6	95.6	95.8	96.0	96.1	96.3	96.7	96.8	96.8	97.0	97.1	97.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-72,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1959-1120
HOURS (1-1)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	≥0
NO CEILING	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0
≥ 20000	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0
≥ 18000	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
≥ 16000	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
≥ 14000	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0
≥ 12000	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
≥ 10000	62.6	62.6	62.6	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0
≥ 9000	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5
≥ 8000	66.1	66.2	66.2	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6
≥ 7000	67.3	67.4	67.4	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8
≥ 6000	67.9	68.0	68.0	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.5	68.5
≥ 5000	70.0	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5
≥ 4500	71.4	71.5	71.5	71.5	71.5	71.6	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1
≥ 4000	75.9	76.0	76.0	76.0	76.0	76.2	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7
≥ 3500	80.0	80.2	80.4	80.4	80.6	80.8	80.9	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.5
≥ 3000	86.5	87.0	87.2	87.3	87.6	87.8	87.9	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.5
≥ 2500	89.1	89.6	89.7	89.7	90.7	91.0	91.1	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.6
≥ 2000	90.7	92.1	92.4	92.9	93.2	93.4	93.6	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.4
≥ 1800	90.9	92.4	92.6	93.1	93.4	93.6	93.9	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.7
≥ 1500	91.8	93.6	94.1	94.5	94.8	95.2	95.5	95.8	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.8
≥ 1200	91.9	94.1	94.5	95.1	95.4	95.7	96.2	96.8	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.7
≥ 1000	92.1	94.2	94.6	95.2	95.6	95.9	96.4	97.1	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.2
≥ 900	92.0	94.2	94.6	95.2	95.6	95.9	96.4	97.1	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.4
≥ 800	92.0	94.2	94.6	95.2	95.6	95.9	96.4	97.1	97.7	97.7	98.0	98.2	98.2	98.2	98.3	98.5
≥ 700	92.4	94.5	94.9	95.5	95.9	96.2	96.8	97.4	98.1	98.6	98.8	98.8	98.8	98.9	98.9	99.1
≥ 600	92.5	94.6	95.0	95.6	96.0	96.3	96.9	97.5	98.2	98.8	99.3	99.3	99.3	99.3	99.5	99.5
≥ 500	92.5	94.6	95.0	95.6	96.0	96.3	96.9	97.5	98.2	98.8	99.3	99.3	99.3	99.3	99.5	99.5
≥ 400	92.5	94.7	95.2	95.7	96.1	96.4	97.0	97.6	98.3	98.9	99.1	99.1	99.1	99.4	99.4	99.6
≥ 300	92.5	94.7	95.2	95.7	96.1	96.4	97.0	97.6	98.3	98.9	99.1	99.1	99.1	99.5	99.5	99.8
≥ 200	92.5	94.7	95.2	95.7	96.1	96.4	97.0	97.6	98.3	98.9	99.1	99.1	99.1	99.5	99.6	100.0
≥ 100	92.5	94.7	95.2	95.7	96.1	96.4	97.0	97.6	98.3	98.9	99.1	99.1	99.1	99.5	99.6	100.0
≥ 0	92.5	94.7	95.2	95.7	96.1	96.4	97.0	97.6	98.3	98.9	99.1	99.1	99.1	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4436 KINGSLEY FIELD OR

66-70,73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.75	≥1.5	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	57.2	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000	60.4	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	62.7	63.1	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	63.7	64.1	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	64.4	64.8	64.8	64.8	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	66.8	67.2	67.2	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4500	69.4	69.8	69.8	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000	74.4	75.1	75.1	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	79.4	80.1	80.1	80.2	80.2	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	87.7	88.3	88.3	88.4	88.4	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	90.1	91.3	91.3	91.5	91.5	91.6	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	91.4	92.7	92.7	93.1	93.2	93.5	93.9	93.9	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1800	91.8	93.3	93.4	93.8	94.0	94.3	94.6	94.6	94.6	94.8	94.9	95.1	95.1	95.1	95.1	95.1
≥ 1500	92.5	94.3	94.4	94.8	95.2	95.5	95.9	96.2	96.6	96.8	96.9	97.0	97.1	97.1	97.1	97.1
≥ 1200	93.1	95.1	95.2	95.6	95.9	96.2	96.8	97.1	97.4	97.6	98.0	98.1	98.2	98.2	98.2	98.2
≥ 1000	93.2	95.2	95.4	95.8	96.2	96.6	97.1	97.5	97.8	98.1	98.5	98.6	98.8	98.8	98.8	98.8
≥ 900	93.3	95.3	95.6	96.0	96.5	96.8	97.3	97.7	98.2	98.4	98.8	98.9	99.1	99.1	99.1	99.1
≥ 800	93.4	95.4	95.7	96.1	96.6	96.9	97.4	97.8	98.3	98.5	98.9	99.0	99.2	99.2	99.2	99.2
≥ 700	93.5	95.5	95.8	96.2	96.7	97.0	97.5	98.0	98.4	98.7	99.1	99.4	99.7	99.7	99.7	99.7
≥ 600	93.5	95.5	95.8	96.2	96.7	97.0	97.5	98.0	98.4	98.7	99.1	99.4	99.8	99.8	99.8	99.8
≥ 500	93.5	95.5	95.8	96.2	96.7	97.0	97.5	98.0	98.4	98.7	99.1	99.4	99.8	99.8	99.8	99.8
≥ 400	93.5	95.5	95.8	96.2	96.7	97.0	97.5	98.0	98.4	98.7	99.1	99.4	99.8	99.8	99.8	99.8
≥ 300	93.5	95.5	95.8	96.2	96.7	97.0	97.5	98.0	98.4	98.7	99.1	99.4	99.8	99.8	99.8	99.8
≥ 200	93.5	95.5	95.8	96.2	96.7	97.0	97.5	98.0	98.4	98.7	99.1	99.4	99.8	99.8	99.8	99.8
≥ 100	93.5	95.5	95.8	96.2	96.7	97.0	97.5	98.0	98.4	98.7	99.1	99.4	99.8	99.8	99.8	99.8
≥ 0	93.5	95.5	95.8	96.2	96.7	97.0	97.5	98.0	98.4	98.7	99.1	99.4	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

54276
STATION

KINGSLEY FIELD OR
STATION NAME

68-73,73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	45.9	45.9	46.7	46.0	46.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	45.0
≥ 20000	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 18000	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	57.1	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 10000	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	68.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	88.5	89.2	89.5	89.5	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	91.8	93.1	93.3	93.3	93.5	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	93.3	94.8	95.3	95.7	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	93.5	95.2	95.8	96.0	96.3	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	94.2	96.2	96.7	97.1	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	94.4	96.7	97.1	97.5	98.0	98.0	98.2	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.7	98.7
≥ 1000	94.5	96.8	97.2	97.7	98.3	98.3	98.5	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.4	99.4
≥ 900	94.5	96.8	97.2	97.7	98.3	98.3	98.5	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.4	99.4
≥ 800	94.5	96.8	97.2	97.7	98.3	98.3	98.6	98.7	99.0	99.1	99.4	99.5	99.5	99.5	99.6	99.6
≥ 700	94.5	96.8	97.2	97.7	98.3	98.3	98.6	98.7	99.0	99.1	99.4	99.5	99.5	99.5	99.6	99.6
≥ 600	94.5	96.8	97.2	97.7	98.3	98.4	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥ 500	94.5	96.8	97.2	97.7	98.3	98.4	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥ 400	94.5	96.8	97.2	97.7	98.3	98.4	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥ 300	94.5	96.8	97.2	97.7	98.3	98.4	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.9	100.0	100.0
≥ 200	94.5	96.8	97.2	97.7	98.3	98.4	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.9	100.0	100.0
≥ 100	94.5	96.8	97.2	97.7	98.3	98.4	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.9	100.0	100.0
≥ 0	94.5	96.8	97.2	97.7	98.3	98.4	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14235 KINGSLEY FIELD OR

68-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - 51

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	53.6	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	59.3	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	60.3	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	61.1	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	62.8	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	65.4	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	66.3	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	70.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 5000	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	86.4	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	90.6	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	93.1	94.9	95.5	95.7	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1800	93.4	95.4	96.1	96.2	96.3	96.4	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1500	94.3	96.3	97.1	97.5	97.7	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 1200	94.4	96.4	97.1	97.6	98.0	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1000	94.4	96.7	97.3	98.0	98.3	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 900	94.4	96.7	97.3	98.0	98.4	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	94.4	96.7	97.3	98.1	98.5	98.6	99.1	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70, 73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	63.3	63.9	64.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	64.7	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	64.7	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	64.7	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	65.9	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000	68.7	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	69.1	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	71.2	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	73.2	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	74.2	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	76.5	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500	79.4	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	83.7	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	86.3	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	89.1	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	90.5	92.5	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	92.1	95.2	95.9	96.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	92.2	95.4	96.2	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	92.5	96.6	97.5	98.0	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	92.6	96.9	98.0	98.4	98.9	98.9	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	92.6	96.9	98.0	98.4	98.9	98.9	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	92.6	96.9	98.0	98.4	98.9	98.9	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	92.6	96.9	98.0	98.4	98.9	98.9	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.6	96.9	98.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.6	96.9	98.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.6	96.9	98.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.6	96.9	98.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.6	96.9	98.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	96.9	98.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.6	96.9	98.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	96.9	98.0	98.4	99.0	99.0	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

64276
STATION

KINGSLEY FIELD OR
STATION NAME

66-70, 73-79
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.10	≥.	≥0
NO CEILING	52.4	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	53.0	53.0
≥ 20000	57.1	57.4	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9
≥ 18000	59.1	59.3	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.8	59.9
≥ 16000	59.4	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.2
≥ 14000	59.9	60.1	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.7
≥ 12000	60.7	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.5	61.5
≥ 10000	64.2	64.5	64.5	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	65.0	65.1
≥ 9000	64.9	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.8	65.8
≥ 8000	67.3	67.6	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.3
≥ 7000	69.1	69.5	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.1	70.1
≥ 6000	70.1	70.5	70.7	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.2	71.3
≥ 5000	72.8	73.3	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	74.0	74.0
≥ 4500	75.1	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.4	76.4
≥ 4000	79.2	79.9	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.6
≥ 3500	82.8	83.6	83.7	83.9	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.5	84.5
≥ 3000	87.6	88.6	89.1	89.3	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.0
≥ 2500	89.7	91.2	91.5	91.6	92.1	92.1	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.5	92.6	92.6
≥ 2000	91.5	93.7	94.2	94.6	95.0	95.1	95.3	95.4	95.4	95.5	95.5	95.6	95.6	95.7	95.8	95.8
≥ 1800	91.7	94.1	94.6	95.0	95.4	95.5	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.1	96.2	96.2
≥ 1500	92.5	95.1	95.7	96.2	96.7	96.8	97.1	97.2	97.3	97.5	97.5	97.6	97.6	97.7	97.8	97.8
≥ 1200	92.6	95.4	96.1	96.6	97.1	97.2	97.6	97.8	97.9	98.0	98.2	98.3	98.3	98.4	98.5	98.5
≥ 1000	92.7	95.5	96.2	96.8	97.4	97.5	97.9	98.1	98.3	98.5	98.6	98.7	98.8	98.8	99.0	99.0
≥ 900	92.7	95.5	96.2	96.8	97.4	97.5	97.6	98.0	98.3	98.5	98.7	98.9	98.9	99.0	99.1	99.2
≥ 800	92.7	95.5	96.2	96.8	97.4	97.5	97.6	98.0	98.3	98.5	98.7	98.9	98.9	99.0	99.1	99.2
≥ 700	92.8	95.6	96.3	96.9	97.6	97.7	98.1	98.4	98.6	98.9	99.1	99.2	99.3	99.3	99.5	99.5
≥ 600	92.8	95.7	96.4	96.9	97.6	97.8	98.2	98.4	98.7	99.0	99.2	99.3	99.4	99.5	99.6	99.7
≥ 500	92.8	95.7	96.4	96.9	97.6	97.8	98.2	98.5	98.7	99.0	99.2	99.3	99.4	99.5	99.6	99.7
≥ 400	92.8	95.7	96.4	97.0	97.7	97.8	98.2	98.5	98.8	99.1	99.3	99.4	99.5	99.6	99.7	99.8
≥ 300	92.8	95.7	96.4	97.0	97.7	97.8	98.2	98.5	98.8	99.1	99.3	99.4	99.5	99.6	99.7	99.9
≥ 200	92.8	95.7	96.4	97.0	97.7	97.8	98.3	98.5	98.8	99.2	99.4	99.5	99.6	99.7	99.9	100.0
≥ 100	92.8	95.7	96.4	97.0	97.7	97.8	98.3	98.5	98.8	99.2	99.4	99.5	99.6	99.7	99.9	100.0
≥ 0	92.8	95.7	96.4	97.0	97.7	97.8	98.3	98.5	98.8	99.2	99.4	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7430

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

8-200
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-0200
TIME

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	65.4	65.8	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 16000	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1600	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1400	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 0	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34235 KINGSLEY FIELD OR

66-72,73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2300-0500
GROUP 1

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22.5	22	21.5	21	20.5	20	19.5	19	18.5	18	20
NO CEILING	51.3	62.3	62.7	62.0	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.1	63.2
Z 20000	65.2	65.2	65.2	65.9	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	66.7	67.1
Z 18000	66.4	67.6	67.6	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.9
Z 16000	66.9	67.6	67.6	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.9
Z 14000	66.9	67.6	67.6	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.9
Z 12000	67.2	67.6	67.6	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.9
Z 10000	69.2	69.9	69.9	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.7	71.2
Z 9000	69.2	70.3	70.3	70.3	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.7
Z 8000	73.2	73.9	73.9	73.9	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.7	75.2
Z 7000	76.3	76.7	76.7	76.7	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.9
Z 6000	77.7	78.3	78.3	78.3	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.7
Z 5000	79.2	79.9	79.9	79.9	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	81.2
Z 4500	81.1	81.7	81.7	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	83.0
Z 4000	84.3	85.1	85.1	85.1	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	86.2
Z 3500	88.3	89.1	89.1	89.1	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9	90.3
Z 3000	91.4	92.4	92.4	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.7
Z 2500	92.2	93.4	93.4	93.4	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.8
Z 2000	93.9	95.7	95.7	95.7	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.6
Z 1800	94.4	96.3	96.3	96.3	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.9
Z 1500	94.4	96.9	96.9	96.9	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.8
Z 1200	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 1000	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 900	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 800	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 700	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 600	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 500	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 400	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 300	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 200	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 100	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2
Z 0	94.4	97.2	97.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.5	99.2

TOTAL NUMBER OF OBSERVATIONS 200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4-236 STATION KINGSLEY FIELD OR

62-70,73-79 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	55.7	56.1	56.7	56.1	56.3	56.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.7	57.2
≥ 20000	62.4	62.8	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3	63.7	67.8
≥ 18000	66.7	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.9	68.0
≥ 16000	66.8	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7	68.1	68.1
≥ 14000	67.3	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.6	68.7
≥ 12000	68.6	68.9	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.8	69.9
≥ 10000	71.2	71.6	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.4	72.6
≥ 9000	71.7	72.0	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.9	73.0
≥ 8000	74.7	75.0	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.6	75.9	76.0
≥ 7000	76.4	76.8	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.7	77.8
≥ 6000	78.2	78.6	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.4	79.6
≥ 5000	79.8	80.1	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	81.0	81.1
≥ 4500	82.1	82.3	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	83.2	83.3
≥ 4000	85.7	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6	86.9	87.0
≥ 3500	88.8	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	90.0	90.1
≥ 3000	92.3	93.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	94.0	94.1
≥ 2500	93.8	94.3	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	95.2	95.3
≥ 2000	95.0	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.8	96.9
≥ 1800	95.3	96.1	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9	97.2	97.3
≥ 1500	95.4	96.3	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.3	97.8
≥ 1200	95.8	96.4	96.6	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.7	98.1
≥ 1000	95.7	96.6	96.9	97.2	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.3	98.8
≥ 900	95.1	96.6	96.9	97.2	97.7	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.6	99.0
≥ 800	95.7	96.6	96.9	97.2	97.7	97.7	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.6	98.9	99.3
≥ 700	95.8	96.7	97.0	97.3	98.0	98.0	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.9	99.1	99.6
≥ 500	95.8	96.7	97.0	97.3	98.0	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.9	99.1	99.6
≥ 400	95.8	96.7	97.0	97.4	98.1	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.2	99.7
≥ 300	95.8	96.7	97.0	97.4	98.1	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.2	99.7
≥ 200	95.8	96.7	97.0	97.4	98.1	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.3	99.9
≥ 100	95.8	96.7	97.0	97.4	98.1	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.3	99.9
≥ 0	95.8	96.7	97.0	97.4	98.1	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.3	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 64235 KINGSLEY FIELD OR

68-70, 73-79

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING ≥ 20000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 16000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 14000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 12000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 10000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 9000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 8000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 7000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 6000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 5000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4500	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 4000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 3500	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 600	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 400	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 300	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 100	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94256
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥20000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥18000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥16000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥14000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥12000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥10000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥9000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥8000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥7000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥6000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥5000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥4500	75.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥4000	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥3500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥3000	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥2500	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥2000	96.8	97.6	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥1800	96.9	97.9	98.3	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1500	96.9	97.9	98.3	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥1200	97.1	98.1	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥1000	97.1	98.2	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥900	97.1	98.2	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥800	97.2	98.4	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥700	97.2	98.4	99.0	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥600	97.2	98.4	99.0	99.2	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥500	97.2	98.6	99.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥400	97.2	98.6	99.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥300	97.2	98.6	99.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥200	97.2	98.6	99.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥100	97.2	98.6	99.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥0	97.2	98.6	99.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
236

STATION NAME
KINGSLEY FIELD OF

68-72,73-79

YEARS

MONTH
APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS TEST
1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 10000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 9000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.8	97.8	97.8	97.8	98.0	98.0	98.0
≥ 1800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.9	98.9	98.9
≥ 1500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 1000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4-276
STATION

KINGSLEY FIELD OR
STATION NAME

58-70,73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	88.9	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	92.8	93.2	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	94.7	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	95.6	96.2	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	96.3	96.8	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	96.2	97.1	97.3	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	96.7	97.6	97.9	98.2	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	96.7	97.7	98.0	98.3	98.4	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.8	97.7	98.0	98.4	98.6	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	96.8	97.7	98.1	98.4	98.6	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	96.8	97.7	98.1	98.6	98.7	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.8	97.7	98.2	98.7	98.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	96.8	97.7	98.2	98.7	98.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	96.8	97.7	98.2	98.7	98.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	96.8	97.7	98.2	98.7	98.9	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	96.8	97.7	98.3	98.8	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.8	97.7	98.3	98.8	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.8	97.7	98.3	98.8	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.8	97.7	98.3	98.8	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
SCAFETAC
4TH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4275
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	78.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	95.4	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	95.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	96.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	96.2	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	96.4	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	96.4	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.4	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.4	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	96.4	98.4	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.4	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	96.4	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	96.4	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.4	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.4	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.4	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	96.4	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	96.4	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

4235
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
≥ 20000	62.9	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.4
≥ 18000	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4
≥ 16000	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4
≥ 14000	65.9	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4
≥ 12000	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	68.0
≥ 10000	71.9	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5
≥ 9000	71.5	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.1
≥ 8000	74.5	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.0
≥ 7000	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6
≥ 6000	77.3	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
≥ 5000	79.3	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0
≥ 4500	81.1	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7
≥ 4000	86.4	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1
≥ 3500	91.8	91.3	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7
≥ 3000	94.1	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.2	95.2
≥ 2500	94.8	95.6	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.1	96.1
≥ 2000	95.3	97.0	97.2	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.9	97.9
≥ 1800	96.1	97.4	97.5	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.4
≥ 1500	96.4	97.8	98.0	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.9	98.9
≥ 1200	96.6	98.0	98.2	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.3	99.3
≥ 1000	96.6	98.3	98.3	98.6	98.9	98.9	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.5	99.5
≥ 900	96.6	98.1	98.3	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.5	99.6	99.6
≥ 800	96.6	98.1	98.4	98.7	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.5	99.5	99.6	99.7	99.7
≥ 700	96.6	98.1	98.4	98.7	99.0	99.1	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.8	99.8
≥ 600	96.6	98.1	98.4	98.7	99.0	99.1	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.8	99.9
≥ 500	96.6	98.1	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9
≥ 400	96.6	98.1	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9
≥ 300	96.6	98.1	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9
≥ 200	96.6	98.1	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9
≥ 100	96.6	98.1	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9
≥ 0	96.6	98.1	98.5	98.8	99.1	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-73,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	79.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 18000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 16000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 14000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 12000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 10000	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 9000	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 8000	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 7000	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 6000	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 5000	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2
IV 4500	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 4000	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6
IV 3500	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 3000	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 2500	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 2000	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 1800	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
4. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
4236

STATION NAME
KINGSLEY FIELD OR

YEARS
58-70, 73-79

MONTH
MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS
3350-3500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	71.9	72.2	72.4	72.4	71.5	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.9	73.0
≥ 20000	77.3	77.5	77.7	77.7	77.8	77.8	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.4	78.5
≥ 18000	78.2	78.2	78.4	78.4	78.5	78.5	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	79.0	79.1
≥ 16000	78.2	78.2	78.4	78.4	78.5	78.5	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	79.0	79.1
≥ 14000	78.4	78.6	78.8	78.8	78.9	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.5	79.6
≥ 12000	78.7	78.9	79.1	79.1	79.2	79.2	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.8	79.9
≥ 10000	81.3	81.5	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.4	82.5
≥ 9000	82.0	82.3	82.5	82.5	82.6	82.6	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.2
≥ 8000	83.9	84.1	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.9	85.1
≥ 7000	85.7	85.9	86.1	86.1	86.2	86.2	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.8	86.9
≥ 6000	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.2	88.3
≥ 5000	88.8	89.1	89.4	89.4	89.6	89.6	89.6	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.3	90.4
≥ 4500	90.3	90.5	90.8	90.8	91.0	91.0	91.0	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.8
≥ 4000	92.5	92.9	93.1	93.2	93.4	93.4	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.4
≥ 3500	94.1	94.4	94.7	94.7	95.1	95.1	95.3	95.4	95.7	95.8	95.9	95.9	95.9	95.9	96.1	96.2
≥ 3000	95.6	96.3	96.7	96.8	97.0	97.0	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	98.0	98.1
≥ 2500	95.9	96.7	97.0	97.1	97.3	97.3	97.4	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.3	98.4
≥ 2000	96.5	97.2	97.5	97.7	98.0	98.0	98.1	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.9	99.0
≥ 1800	96.5	97.2	97.5	97.7	98.0	98.0	98.1	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.9	99.0
≥ 1500	96.7	97.4	97.7	98.0	98.3	98.3	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.4	99.5
≥ 1200	96.9	97.7	98.1	98.3	98.6	98.6	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.8
≥ 1000	96.9	97.7	98.1	98.4	98.7	98.7	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.9
≥ 900	96.9	97.7	98.1	98.4	98.7	98.7	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.9
≥ 800	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 700	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 600	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 500	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 400	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 300	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 200	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 100	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 0	96.9	97.8	98.2	98.5	98.8	98.8	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

6-236
 STATION

KINGSLEY FIELD OR
 STATION NAME

66-70,73-79
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800
 HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	69.7	69.2	69.2	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	74.6	74.8	74.8	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 18000	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 16000	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 14000	76.5	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 12000	77.4	77.7	77.7	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 10000	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 9000	80.6	81.2	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 8000	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 7000	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 6000	85.2	86.6	86.6	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 5000	87.1	87.4	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4500	88.1	88.4	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	92.4	92.7	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3000	94.4	95.1	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500	95.4	96.1	96.1	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	96.3	97.3	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	96.5	97.4	97.4	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	97.0	98.1	98.1	98.5	98.6	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	97.1	98.1	98.2	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	97.3	98.3	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	97.3	98.3	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	97.3	98.3	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	97.3	98.3	98.4	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	97.3	98.4	98.5	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	97.3	98.4	98.6	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	97.3	98.4	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	97.3	98.4	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	97.3	98.4	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.3	98.4	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.3	98.4	98.6	99.2	99.4	99.4	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4-236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70, 73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6979-1122
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	66.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 18000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 9000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

6-276
STATION

WINGSLEY FIELD OR
STATION NAME

65-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.3	≥.25	≥.2	≥.15	≥.1	≥0
NO CEILING	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥20000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥18000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥16000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥14000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥12000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥10000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥9000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥8000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥7000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥6000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥5000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥4500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥4000	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥3500	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥3000	96.7	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥2500	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥2000	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1800	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥1500	98.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥1200	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥1000	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥900	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥800	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥700	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥0	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74236
STATION

KINGSLEY FIELD OR
STATION NAME

58-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
TIME

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.6	≥.5	≥.3	≥.25	≥.2	≥0
NO CEILING	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥20000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥18000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥16000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥14000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥12000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥10000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥9000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥8000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥7000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥6000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥5000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥4500	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥4000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥3500	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥3000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥2500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥2000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥1800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥1500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥1200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥1000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥900	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥700	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥600	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥200	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4-276 WINGSLEY FIELD OR

66-7, 73-79

NAV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1813-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥20000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥18000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥16000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥14000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥12000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥10000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥9000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥8000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥7000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥6000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥5000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥4500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥4000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥3500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥3000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥2500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥2000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1400	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥1000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥900	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥700	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥400	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥300	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥100	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 9000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 8000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 6000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74236
STATION

KINGSLEY FIELD OR
STATION NAME

58-73, 73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	96.4	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	97.2	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	98.0	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.3	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.3	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 1000	98.4	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 900	98.4	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 800	98.4	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	98.4	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	98.4	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	98.4	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.4	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	98.4	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.4	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.4	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.4	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 18000	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 14000	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	92.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.0	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.0	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.0	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14235
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	74.7	75.1	75.4	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.9	77.0
≥ 20000	78.8	79.0	79.3	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.8	80.9
≥ 18000	80.1	80.4	80.8	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.7	81.7	82.3	82.4
≥ 16000	80.1	80.6	80.9	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8	82.4	82.6
≥ 14000	80.6	81.0	81.3	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.9	83.0
≥ 12000	80.9	81.3	81.7	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.6	83.2	83.3
≥ 10000	82.3	82.8	83.1	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.7	84.8
≥ 9000	82.4	83.1	83.4	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	85.0	85.1
≥ 8000	84.9	85.7	86.0	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	87.6	87.7
≥ 7000	85.9	86.7	87.0	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	88.6	88.7
≥ 6000	87.1	87.9	88.2	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.8	89.9
≥ 5000	88.3	89.1	89.4	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	91.0	91.1
≥ 4500	89.0	89.8	90.1	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.7	91.8
≥ 4000	90.7	91.4	91.8	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.7	92.7	93.4	93.6
≥ 3500	92.4	93.3	93.7	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	95.3	95.4
≥ 3000	94.7	95.8	96.1	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.8	97.9
≥ 2500	95.0	96.1	96.4	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	98.1	98.2
≥ 2000	96.2	97.3	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	99.3	99.4
≥ 1800	96.2	97.3	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	99.3	99.4
≥ 1500	96.2	97.4	97.9	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	99.6	99.7
≥ 1200	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 1000	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 900	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 800	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 700	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 600	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 500	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 400	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 300	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 200	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 100	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0
≥ 0	96.3	97.7	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 12000	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	88.1	88.4	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	94.6	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	96.2	96.6	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 2500	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 2000	98.1	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1800	98.1	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1500	98.1	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1200	98.1	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1000	98.1	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 900	98.1	98.9	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 800	98.1	98.9	99.0	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 700	98.1	98.9	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 600	98.1	98.9	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8
≥ 500	98.1	98.9	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8
≥ 400	98.1	99.0	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 300	98.1	99.0	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 200	98.1	99.0	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 100	98.1	99.0	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 0	98.2	99.1	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94276
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3 10	≥	≥0
NO CEILING	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 12000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.25	≥.10	≥.05	≥0
NO CEILING	55.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 12000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
41P WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

65-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 12000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04236
STATION

KINGSLEY FIELD OR
STATION NAME

68-73, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING -FEET-	VISIBILITY (STATUTE MILES):															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.4	98.9	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

62-70,73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	76.2	76.2	76.2	76.2	75.2	75.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	75.2
≥ 20000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 14000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236

KINGSLEY FIELD OR

68-70,73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
≥ 20000	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
≥ 18000	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 16000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 14000	80.7	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 12000	81.4	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 10000	82.3	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 9500	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 8500	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 7000	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 6000	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5
≥ 5000	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 4500	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.2
≥ 4000	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.6
≥ 3500	96.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 3000	97.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7
≥ 2500	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 2000	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1800	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 1500	98.8	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 1200	98.8	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9
≥ 1000	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 800	98.8	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	98.8	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 600	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 500	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 400	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 300	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236 KINGSLEY FIELD OR

63-70,73-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0650-0200
0000-1159

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.15	≥.1	≥0
NO CEILING	83.6	85.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 20000	90.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 18000	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 16000	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 14000	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 12000	91.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	94.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 7000	95.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	97.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD CR
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	86.8	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 20000	89.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 18000	89.9	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 16000	89.9	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 14000	89.9	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 12000	90.2	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 10000	91.6	93.3	93.3	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 9000	92.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 8000	94.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 7000	94.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 6000	95.4	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	96.0	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	96.0	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	97.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	97.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	97.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	97.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	97.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	97.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0800
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥.	≥0
NO CEILING	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 20000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 18000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 16000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 14000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 12000	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 8000	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 7000	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	96.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-78,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 20000	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 18000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 16000	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 14000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 12000	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 10000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 9000	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 8000	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 20000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 18000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 16000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 14000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 12000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 8000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 7000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 20000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 18000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 16000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 14000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 12000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 10000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	≥½	≥0
NO CEILING	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 20000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 16000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 12000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 10000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 9000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 8000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
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CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-79.73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS - LT

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥0	≥0
NO CEILING	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 20000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 18000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 16000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 14000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 12000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 10000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 7000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 20000	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 18000	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 16000	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 14000	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 10000	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 9000	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 5000	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS - 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	62.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 20000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 18000	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3
≥ 16000	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3
≥ 14000	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9
≥ 12000	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4
≥ 10000	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2
≥ 9000	88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6
≥ 8000	90.9	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 7000	91.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
≥ 6000	92.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 5000	92.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 4500	93.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 4000	95.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 3500	96.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 3000	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1500	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 900	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 800	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	97.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS - LT

CEILING FEET	VISIBILITY - STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	79.6	81.1	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5
≥ 20000	82.4	83.5	83.5	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 18000	83.3	84.5	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 16000	83.3	84.5	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 14000	83.3	84.8	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4
≥ 12000	84.3	85.6	85.6	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 10000	87.1	88.4	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 9000	87.2	88.5	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.1
≥ 8000	90.2	91.5	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.2
≥ 7000	90.8	92.0	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.7
≥ 6000	91.5	93.2	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.9
≥ 5000	92.2	94.0	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.6
≥ 4500	93.5	95.7	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.3
≥ 4000	94.8	97.2	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	98.0
≥ 3500	95.5	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.6
≥ 3000	96.1	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.5
≥ 2500	96.2	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6
≥ 2000	96.2	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 1800	96.2	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9
≥ 1500	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 1200	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 1000	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 900	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 800	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 700	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 600	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 500	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 400	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 300	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 200	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	96.3	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	77.8	77.8	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.5
≥ 20000	81.3	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	82.0
≥ 18000	82.6	82.7	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.4
≥ 16000	82.6	82.7	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.4
≥ 14000	82.8	82.9	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.7
≥ 12000	83.7	83.8	83.8	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.7
≥ 10000	86.8	86.9	86.9	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.8
≥ 9000	86.8	86.9	86.9	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.8
≥ 8000	88.5	88.6	88.6	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.7
≥ 7000	89.7	89.8	89.8	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.9
≥ 6000	90.5	90.6	90.6	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.7
≥ 5000	92.3	92.5	92.6	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.7
≥ 4500	93.3	93.4	93.5	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.6
≥ 4000	95.1	95.5	95.6	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.7
≥ 3500	96.1	96.6	96.8	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.8
≥ 3000	97.3	97.8	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	99.1
≥ 2500	97.4	98.1	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.4
≥ 2000	97.5	98.2	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.5
≥ 1800	97.5	98.2	98.4	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.5
≥ 1500	97.6	98.4	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.7
≥ 1200	97.7	98.5	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.8
≥ 1000	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 900	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 800	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 700	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 600	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 500	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 400	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 300	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 200	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 100	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0
≥ 0	98.0	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 939

6891

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 94236 KINGSLEY FIELD OR

68-70, 73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20000	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 18000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 16000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 14000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 12000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 5000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	96.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

SECIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING	75.0	75.0	78.0	78.0	75.0	76.0	78.0	78.0	76.0	78.0	78.0	76.0	75.0	78.0	78.0	76.0
≥ 20000	81.7	81.7	81.7	81.7	61.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 16000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 939

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236

KINGSLEY FIELD OR

56-70,73-79

AGE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1750

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 20000	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 16000	83.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	85.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 20000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 16000	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 12000	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.7	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 20000	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 18000	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 16000	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 12000	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 8000	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	93.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	96.3	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	97.5	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

64236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	79.2	79.5	79.5	79.5	79.6	79.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 20000	82.8	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 18000	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5
IV 16000	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
IV 14000	84.5	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
IV 12000	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7
IV 10000	87.6	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 9000	87.8	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
IV 8000	89.5	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5
IV 7000	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1
IV 6000	91.1	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
IV 5000	91.8	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
IV 4500	93.2	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
IV 4000	95.4	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 3500	96.8	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
IV 3000	98.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
IV 2500	98.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 2000	98.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 1800	98.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 1500	98.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 1200	98.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 1000	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 900	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 800	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 700	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 600	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 500	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 400	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	98.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥4	≥0
NO CEILING	84.4	87.1	87.3	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.1
≥ 20000	85.4	88.1	88.3	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	89.0	89.1
≥ 18000	86.4	89.1	89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.1
IV 16000	86.4	89.1	89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.1
IV 14000	86.4	89.1	89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.1
IV 12000	87.0	89.7	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.7
IV 10000	88.3	91.0	91.2	91.5	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	92.0
IV 9000	88.7	91.3	91.5	91.9	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.3
IV 8000	89.4	92.1	92.3	92.7	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.1
IV 7000	89.8	92.4	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.4
IV 6000	89.9	92.5	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.5
IV 5000	90.5	93.2	93.4	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.2
IV 4500	91.0	93.7	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.7
IV 4000	92.4	95.1	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.1
IV 3500	94.8	97.4	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.4
IV 3000	95.9	98.7	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 2500	95.9	98.7	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 2000	95.9	98.7	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 1800	95.9	98.7	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.7
IV 1500	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 1200	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 1000	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 900	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 800	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 700	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 600	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 500	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 400	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 300	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 200	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 100	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 0	95.9	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

54236
STATION

KINGSLEY FIELD OR
STATION NAME

68-73,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥5	≥0
NO CEILING	87.4	81.7	82.2	82.3	82.6	82.6	82.7	82.8	82.8	83.1	83.1	83.1	83.1	83.2	83.7	83.8
≥20000	82.0	83.2	83.8	83.9	84.1	84.1	84.2	84.3	84.3	84.7	84.7	84.7	84.7	84.8	85.2	85.3
≥18000	83.7	84.9	85.4	85.6	85.8	85.8	85.9	86.0	86.0	86.3	86.3	86.3	86.3	86.4	86.9	87.0
≥16000	83.7	84.9	85.4	85.6	85.8	85.8	85.9	86.0	86.0	86.3	86.3	86.3	86.3	86.4	86.9	87.0
≥14000	84.1	85.3	85.9	86.0	86.2	86.2	86.3	86.4	86.4	86.8	86.8	86.8	86.8	86.9	87.3	87.4
≥12000	85.1	86.6	87.1	87.2	87.4	87.4	87.6	87.7	87.7	88.0	88.0	88.0	88.0	88.1	88.6	88.7
≥10000	87.0	88.2	88.8	88.9	89.1	89.1	89.2	89.3	89.3	89.7	89.7	89.7	89.7	89.8	90.2	90.3
≥9000	87.3	88.6	89.1	89.2	89.4	89.4	89.6	89.7	89.7	90.3	90.0	90.0	90.0	90.1	90.6	90.7
≥8000	88.1	89.3	90.0	90.2	90.4	90.4	90.6	90.7	90.7	91.1	91.1	91.1	91.1	91.2	91.7	91.8
≥7000	88.8	90.0	90.7	90.9	91.1	91.1	91.2	91.3	91.3	91.8	91.8	91.8	91.8	91.9	92.3	92.4
≥6000	88.9	90.1	90.8	91.0	91.2	91.2	91.3	91.4	91.4	91.9	91.9	91.9	91.9	92.0	92.4	92.6
≥5000	89.3	90.3	91.0	91.2	91.4	91.4	91.6	91.7	91.7	92.1	92.1	92.1	92.1	92.2	92.7	92.8
≥4500	90.6	91.8	92.4	92.7	92.9	92.9	93.0	93.1	93.1	93.6	93.6	93.6	93.6	93.7	94.1	94.2
≥4000	93.1	94.3	95.1	95.2	95.4	95.4	95.6	95.7	95.7	96.1	96.1	96.1	96.1	96.2	96.7	96.8
≥3500	95.3	96.3	97.0	97.2	97.4	97.4	97.6	97.7	97.7	98.1	98.1	98.1	98.1	98.2	98.7	98.8
≥3000	96.0	97.2	98.0	98.2	98.4	98.4	98.6	98.7	98.7	99.1	99.1	99.1	99.1	99.2	99.7	99.8
≥2500	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥2000	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥1800	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥1500	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥1200	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥1000	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥900	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥800	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥700	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥600	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥500	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥400	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥300	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥200	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥100	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0
≥0	96.0	97.4	98.2	98.4	98.7	98.7	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04236
STATION

KINGSLEY FIELD OR
STATION NAME

68-73, 73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2300
HOURS IST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.025	≥ 0
NO CEILING	76.6	77.3	77.4	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.2	78.6	79.0
≥ 20000	78.9	79.8	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.6	80.7	81.0	81.4
≥ 18000	83.0	83.9	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.8	82.1	82.6
≥ 16000	80.0	80.9	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.7	81.8	82.1	82.6
≥ 14000	80.4	81.3	81.4	81.7	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.2	82.6	83.0
≥ 12000	82.9	83.8	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.6	84.7	85.0	85.4
≥ 10000	85.1	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.8	87.1	87.6
≥ 9000	85.1	86.0	86.1	86.3	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.9	87.2	87.7
≥ 8000	87.4	88.3	88.4	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.2	89.6	90.0
≥ 7000	88.2	88.9	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.7	89.8	90.1	90.6
≥ 6000	88.9	89.8	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.6	90.7	91.0	91.4
≥ 5000	90.1	91.0	91.1	91.3	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.9	92.2	92.7
≥ 4500	90.8	91.7	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.6	92.9	93.3
≥ 4000	92.2	93.1	93.2	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.9	94.0	94.3	94.8
≥ 3500	93.4	94.3	94.4	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.2	95.7	96.1
≥ 3000	95.2	96.1	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9	97.0	97.4	97.9
≥ 2500	95.7	96.6	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.4	97.9	98.3
≥ 2000	96.4	97.3	97.4	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.2	98.7	99.1
≥ 1800	96.4	97.3	97.4	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.2	98.7	99.1
≥ 1500	96.4	97.3	97.4	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.2	98.7	99.1
≥ 1200	96.6	97.6	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.4	98.9	99.3
≥ 1000	96.6	97.6	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.4	98.9	99.3
≥ 900	96.6	97.6	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.4	98.9	99.3
≥ 800	96.6	97.6	97.7	97.9	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.6	99.0	99.4
≥ 700	96.6	97.6	97.7	97.9	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.6	98.7	99.1
≥ 600	96.6	97.6	97.7	97.9	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.6	98.7	99.1
≥ 500	96.6	97.6	97.7	97.9	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.6	98.7	99.1
≥ 400	96.6	97.6	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.7	98.8	99.2
≥ 300	96.6	97.6	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.7	98.8	99.2
≥ 200	96.6	97.6	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.7	98.8	99.2
≥ 100	96.6	97.6	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.7	98.8	99.2
≥ 0	96.6	97.6	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.7	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING	76.9	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 20000	79.6	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 18000	81.1	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 16000	81.3	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 14000	81.4	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 12000	82.9	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 10000	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 9000	85.7	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 8000	87.2	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 7000	87.5	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 6000	88.3	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 5000	89.4	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4500	91.0	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 4000	93.7	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 3500	95.9	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 3000	98.0	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 2500	98.2	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 2000	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	98.6	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94235 KINGSLEY FIELD OR

66-70, 73-79

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 20000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 16000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 14000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 12000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 10000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

58-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 20000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 16000	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 14000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 12000	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS - IST

CEILING FEET	VISIBILITY - STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 20000	84.8	85.7	85.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 18000	86.4	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
≥ 16000	86.2	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 14000	86.7	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 12000	87.2	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 10000	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 9000	90.2	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 8000	91.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 7000	91.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 6000	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 5000	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
≥ 4500	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6
≥ 4000	95.2	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 3500	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 3000	98.8	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 2500	98.8	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 2000	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1800	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1500	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1200	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	85.7	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 20000	87.2	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 18000	88.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	88.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 14000	88.4	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 12000	89.1	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 10000	90.2	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	90.5	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 8000	91.1	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	91.3	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	91.9	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	92.9	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	94.1	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	95.6	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	96.9	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	97.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9-276
STATION

KINGSLEY FIELD OR
STATION NAME

56-70,73-79
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥.	≥0
NO CEILING	83.3	81.1	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.8
≥ 20000	83.0	83.9	84.0	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.5	84.6
≥ 18000	84.5	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	86.0
≥ 16000	84.6	85.4	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.1
≥ 14000	84.9	85.7	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.3
≥ 12000	86.1	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 10000	87.9	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.4
≥ 9000	88.1	89.0	89.1	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6
≥ 8000	89.1	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.8
≥ 7000	89.8	90.5	90.6	90.8	90.8	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.2
≥ 6000	90.5	91.1	91.2	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7
≥ 5000	91.0	91.9	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.6
≥ 4500	92.2	93.1	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.8
≥ 4000	94.4	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	96.0
≥ 3500	96.3	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.9	98.0
≥ 3000	97.6	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.3	99.4
≥ 2500	97.7	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.6
≥ 2000	98.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.8
≥ 1800	98.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.8
≥ 1500	98.0	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.8
≥ 1200	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 1000	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 900	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 800	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 700	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 600	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 500	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 400	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 300	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 100	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 0	98.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 7197

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236 KINGSLEY FIELD OR

58-70, 73-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
MOON - 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	70.5	72.8	73.7	75.2	75.3	73.3	73.3	73.3	73.3	73.3	73.7	73.7	73.7	74.0	74.1	74.4
≥ 20000	73.8	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.9	76.9	76.9	77.2	77.3	77.6
≥ 18000	74.8	76.8	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	78.0	78.1	78.4
≥ 16000	74.7	77.5	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.9	77.9	77.9	78.2	78.3	78.6
≥ 14000	74.8	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.0	78.3	78.4	78.7
≥ 12000	76.3	78.3	78.5	76.7	78.8	78.8	78.8	78.8	78.8	78.8	79.2	79.2	79.2	79.5	79.6	79.9
≥ 10000	77.5	79.9	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.8	80.8	80.8	81.1	81.2	81.5
≥ 9000	76.3	80.3	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.2	81.2	81.2	81.5	81.6	81.9
≥ 8000	79.9	82.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.3	83.3	83.3	83.6	83.7	84.0
≥ 7000	80.6	83.2	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	84.0	84.0	84.0	84.3	84.4	84.6
≥ 6000	82.4	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9	86.2	86.3	86.6
≥ 5000	84.9	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.6	88.6	88.6	88.9	89.0	89.3
≥ 4500	86.1	88.9	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	90.1	90.2	90.5
≥ 4000	88.1	91.0	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.9	91.9	91.9	92.2	92.3	92.7
≥ 3500	90.1	93.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.9	95.0	95.4
≥ 3000	92.5	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.8	96.9	97.2
≥ 2500	92.9	96.2	95.8	96.7	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.4	97.5	97.8
≥ 2000	93.8	97.3	97.9	97.7	97.9	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.5	98.6	98.9
≥ 1800	93.8	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.3	98.3	98.3	98.6	98.7	99.0
≥ 1500	94.1	97.6	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.9	99.0	99.2
≥ 1200	94.1	97.7	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.1	99.4
≥ 1000	94.1	97.7	97.9	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.1	99.4
≥ 900	94.1	97.7	97.9	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.8	98.8	98.8	99.1	99.2	99.5
≥ 800	94.2	97.8	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.9	98.9	98.9	99.2	99.4	99.6
≥ 700	94.2	97.9	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.4	99.5	99.8
≥ 600	94.2	97.9	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.4	99.5	99.8
≥ 500	94.2	97.9	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.4	99.5	99.8
≥ 400	94.2	97.9	98.2	98.4	98.6	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.4	99.5	99.8
≥ 300	94.2	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.5	99.6	99.9
≥ 200	94.2	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.5	99.6	99.9
≥ 100	94.2	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.5	99.6	100.0
≥ 0	94.2	98.1	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

44236 KINGSLEY FIELD OR

66-70,73-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	2:0	2:6	2:3	2:4	2:3	2:2	2:1	2:0	2:0	2:0	2:0	2:0	2:0	2:0	2:0	2:0
NO CEILING	56.3	59.7	69.4	69.7	70.0	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.7	71.7	71.3	71.6
≥ 20000	69.3	72.9	72.6	73.1	73.5	73.5	73.6	73.7	73.8	73.8	73.8	73.8	74.1	74.1	74.8	75.1
≥ 18000	70.4	73.1	73.5	73.8	74.1	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.8	74.8	75.4	75.7
≥ 16000	70.4	73.1	73.5	73.8	74.1	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.8	74.8	75.4	75.7
≥ 14000	70.4	73.1	73.5	73.8	74.1	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.8	74.8	75.4	75.7
≥ 12000	72.2	74.9	75.2	75.5	75.8	75.8	75.9	76.1	76.2	76.2	76.2	76.2	76.5	76.5	77.1	77.5
≥ 10000	72.8	75.5	75.8	76.2	76.5	76.5	76.6	76.7	76.8	76.8	76.8	76.8	77.1	77.1	77.8	78.1
≥ 9000	73.3	75.8	76.2	76.5	76.8	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.5	77.5	78.1	78.4
≥ 8000	75.4	78.4	78.7	78.7	79.1	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.7	79.7	80.5	80.8
≥ 7000	76.3	79.4	79.7	80.0	80.4	80.4	80.5	80.6	80.7	80.7	80.7	80.7	81.0	81.0	81.8	82.1
≥ 6000	77.6	80.8	81.1	81.4	81.8	81.8	81.9	82.0	82.1	82.2	82.2	82.2	82.5	82.5	83.3	83.6
≥ 5000	80.7	83.9	84.3	84.6	84.9	84.9	85.0	85.1	85.2	85.3	85.3	85.3	85.7	85.7	86.4	86.7
≥ 4500	81.2	84.5	84.8	85.1	85.4	85.4	85.5	85.7	85.8	85.9	85.9	85.9	86.2	86.2	86.9	87.3
≥ 4000	83.9	87.3	87.6	87.9	88.2	88.3	88.5	88.6	88.7	88.8	88.8	88.8	89.1	89.1	89.5	90.2
≥ 3500	86.8	90.2	90.5	90.8	91.2	91.3	91.4	91.5	91.6	91.7	91.7	91.7	92.0	92.0	92.8	93.1
≥ 3000	90.4	94.0	94.3	94.6	94.9	95.0	95.1	95.3	95.4	95.5	95.5	95.5	95.8	95.8	96.5	96.9
≥ 2500	90.5	94.6	94.9	95.3	95.6	95.7	95.8	95.9	96.0	96.1	96.1	96.1	96.4	96.4	97.2	97.5
≥ 2000	91.5	95.7	96.0	96.3	96.7	96.8	96.9	97.0	97.1	97.2	97.2	97.2	97.5	97.5	98.3	98.6
≥ 1800	91.5	95.7	96.0	96.3	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.3	97.6	97.6	98.4	98.7
≥ 1500	91.5	95.7	96.0	96.3	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.3	97.6	97.6	98.4	98.7
≥ 1200	91.9	96.2	96.5	96.9	97.3	97.4	97.5	97.6	97.7	97.8	97.8	97.8	98.2	98.2	98.9	99.2
≥ 1000	91.9	96.2	96.5	96.9	97.3	97.4	97.5	97.6	97.7	97.8	97.8	97.8	98.2	98.2	98.9	99.2
≥ 900	91.9	96.2	96.5	96.9	97.3	97.4	97.5	97.6	97.7	97.8	97.8	97.8	98.2	98.2	98.9	99.2
≥ 800	92.1	96.5	96.9	97.2	97.6	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.5	98.5	99.2	99.6
≥ 700	92.1	96.5	96.9	97.2	97.6	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.5	98.5	99.2	99.6
≥ 600	92.1	96.5	96.9	97.2	97.6	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.5	98.5	99.2	99.6
≥ 500	92.1	96.5	96.9	97.2	97.6	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.5	98.5	99.4	99.7
≥ 400	92.1	96.7	97.1	97.3	97.7	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.6	98.6	99.5	99.8
≥ 300	92.1	96.7	97.1	97.3	97.7	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.6	98.6	99.5	99.9
≥ 200	92.1	96.7	97.1	97.3	97.7	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.6	98.6	99.7	100.0
≥ 100	92.1	96.7	97.1	97.3	97.7	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.6	98.6	99.7	100.0
≥ 0	92.1	96.7	97.1	97.3	97.7	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.6	98.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	67.7	61.3	61.5	61.8	7.1	62.1	62.1	62.1	62.1	62.5	62.6	62.6	62.9	62.9	63.1	63.3
≥ 20000	65.3	65.9	66.1	66.5	66.8	66.8	66.8	66.8	66.8	67.1	67.2	67.2	67.5	67.5	67.7	68.0
≥ 18000	66.6	67.2	67.4	67.7	68.1	68.1	68.1	68.1	68.4	68.5	68.5	68.8	68.8	69.0	69.6	
≥ 16000	66.6	67.2	67.4	67.7	68.1	68.1	68.1	68.1	68.4	68.5	68.5	68.8	68.8	69.0	69.6	
≥ 14000	66.6	67.2	67.4	67.7	68.1	68.1	68.1	68.1	68.4	68.5	68.5	68.8	68.8	69.0	69.6	
≥ 12000	66.6	67.2	67.4	67.7	68.1	68.1	68.1	68.1	68.4	68.5	68.5	68.8	68.8	69.0	69.6	
≥ 10000	66.6	67.2	67.4	67.7	68.1	68.1	68.1	68.1	68.4	68.5	68.5	68.8	68.8	69.0	69.6	
≥ 9000	71.1	71.8	72.1	72.4	72.7	72.7	72.7	72.7	73.1	73.2	73.2	73.6	73.6	73.8	74.3	
≥ 8000	74.3	75.3	75.6	75.9	76.3	76.3	76.3	76.3	76.7	76.8	76.8	77.1	77.1	77.3	77.9	
≥ 7000	75.7	76.8	77.1	77.5	77.9	77.9	77.9	77.9	78.4	78.5	78.5	78.9	78.9	79.1	79.6	
≥ 6000	76.4	77.5	77.8	78.1	78.5	78.5	78.5	78.5	79.1	79.2	79.2	79.5	79.5	79.7	80.3	
≥ 5000	76.4	79.1	79.4	79.7	80.2	80.2	80.2	80.2	80.7	80.8	80.8	81.1	81.1	81.3	81.9	
≥ 4500	80.0	81.3	81.7	82.3	82.4	82.5	82.5	82.5	83.1	83.2	83.2	83.5	83.5	83.7	84.3	
≥ 4000	83.9	85.2	85.5	85.9	86.3	86.3	86.4	86.4	86.9	87.1	87.1	87.5	87.5	87.7	88.2	
≥ 3500	87.1	88.5	88.8	89.1	89.5	89.5	89.6	89.6	89.6	90.2	90.3	90.3	90.7	90.7	90.9	91.5
≥ 3000	89.2	90.6	91.0	91.4	91.8	91.8	91.9	91.9	92.4	92.6	92.6	93.1	93.1	93.3	93.9	
≥ 2500	89.9	91.4	91.8	92.1	92.6	92.6	92.7	92.7	93.2	93.3	93.3	93.9	93.9	94.1	94.6	
≥ 2000	92.1	93.7	94.3	94.7	95.1	95.1	95.3	95.3	95.8	95.9	95.9	96.4	96.4	96.7	97.2	
≥ 1800	92.3	94.1	94.8	94.9	95.4	95.4	95.5	95.5	96.0	96.1	96.1	96.7	96.7	96.9	97.4	
≥ 1500	92.4	94.3	94.8	95.3	95.7	95.7	95.9	95.9	96.4	96.5	96.5	97.1	97.1	97.3	97.7	
≥ 1200	92.7	94.5	95.1	95.5	95.9	95.9	96.1	96.1	96.7	96.8	96.8	97.3	97.3	97.5	98.1	
≥ 1000	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.3	96.9	97.0	97.0	97.5	97.5	97.7	98.5	
≥ 900	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.3	96.9	97.0	97.0	97.5	97.5	97.7	98.5	
≥ 800	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.3	96.9	97.0	97.0	97.5	97.5	97.7	98.5	
≥ 700	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.3	96.9	97.0	97.0	97.5	97.5	97.7	98.6	
≥ 600	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.3	96.9	97.0	97.0	97.5	97.5	97.7	98.6	
≥ 500	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.4	96.4	97.0	97.1	97.6	97.6	97.8	98.9	
≥ 400	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.4	96.4	97.0	97.1	97.6	97.6	97.8	98.9	
≥ 300	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.4	96.4	97.0	97.1	97.6	97.6	98.1	99.5	
≥ 200	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.4	96.4	97.0	97.1	97.6	97.6	98.2	99.8	
≥ 100	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.4	96.4	97.0	97.1	97.6	97.6	98.3	100.0	
≥ 0	92.8	94.7	95.3	95.7	96.1	96.1	96.3	96.4	96.4	97.0	97.1	97.6	97.6	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OP
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	63.9	64.5	64.8	65.0	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	69.2	69.7	70.0	70.2	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	70.2	70.9	71.3	71.5	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	70.3	71.0	71.4	71.6	71.7	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	71.0	71.6	72.1	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	71.4	72.1	72.5	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	74.2	74.6	75.1	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	74.5	75.2	75.6	75.8	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	77.1	77.8	78.2	78.4	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	78.3	79.1	79.5	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	79.1	79.8	80.3	80.6	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	80.3	81.0	81.4	81.8	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	82.4	83.3	83.7	84.0	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	86.2	87.3	87.7	88.0	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	89.3	90.1	90.5	90.8	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	91.6	93.0	93.5	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	93.0	94.5	95.0	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	94.5	96.3	97.0	97.5	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	94.5	96.3	97.0	97.5	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	95.1	97.1	97.7	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	95.3	97.3	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	95.3	97.3	98.0	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	95.4	97.5	98.2	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	95.4	97.5	98.2	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	95.4	97.5	98.2	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	95.4	97.5	98.2	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	95.5	97.6	98.3	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 400	95.5	97.6	98.3	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	95.5	97.6	98.3	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	95.5	97.6	98.3	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	95.5	97.6	98.3	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 0	95.5	97.6	98.3	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 20000	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	96.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	98.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-10	≥4	≥0
NO CEILING	62.9	63.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	98.1	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.6	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.6	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.6	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.6	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	>2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	65.9	67.1	67.1	67.1	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	71.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	73.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	73.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	73.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 10000	77.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	78.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	82.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	84.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	85.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500	87.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	89.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	95.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	95.8	97.9	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	96.1	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	96.5	98.4	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.9	99.0	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	96.9	99.0	99.2	99.5	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	99.0	99.2	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94-236 STATION KINGSLEY FIELD OR

58-70, 73-79 YEARS

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	74.3	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	75.3	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	75.4	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	75.4	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	75.4	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	76.7	79.2	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	79.9	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	79.9	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	81.4	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	82.8	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	84.7	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	85.5	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	86.4	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	88.9	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	90.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	93.2	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	94.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	95.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	95.4	98.7	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	95.6	98.9	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	95.8	99.1	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS - 51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	65.4	66.7	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.4	57.4	67.6	67.6
≥ 20000	70.6	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.9	73.0
≥ 18000	72.1	73.4	73.6	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.3	74.4
≥ 16000	72.2	73.5	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.4	74.5
≥ 14000	72.5	73.8	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.6	74.7	74.8
≥ 12000	73.8	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.9	75.9	76.0	76.2
≥ 10000	75.8	77.2	77.3	77.5	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.0	78.2
≥ 9000	76.4	77.8	77.9	78.1	78.2	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.7	78.8
≥ 8000	78.6	80.0	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.8	80.9	81.0
≥ 7000	80.0	81.5	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.3	82.4	82.5
≥ 6000	81.3	82.8	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.8	83.9
≥ 5000	83.3	84.5	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.5	85.6
≥ 4500	84.4	86.0	86.2	86.4	86.5	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.9	86.9	87.0	87.1
≥ 4000	87.4	89.7	89.7	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.9	89.9	90.0	90.2
≥ 3500	91.2	91.9	92.1	92.3	92.4	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.9	93.0
≥ 3000	92.7	94.6	94.8	94.9	95.1	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.5	95.5	95.6	95.7
≥ 2500	93.6	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.5	96.6	96.7	96.8
≥ 2000	94.9	97.1	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.4	98.5
≥ 1800	95.0	97.3	97.5	97.8	97.9	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.4	98.4	98.5	98.6
≥ 1500	95.3	97.6	97.9	98.2	98.4	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	99.0	99.1
≥ 1200	95.5	97.9	98.2	98.4	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.3	99.4
≥ 1000	95.5	97.9	98.2	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.3	99.5
≥ 900	95.5	97.9	98.2	98.5	98.7	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.4	99.5
≥ 800	95.5	98.0	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.4	99.6
≥ 700	95.5	98.0	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.5	99.6
≥ 600	95.5	98.0	98.3	98.6	98.8	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.5	99.6
≥ 500	95.5	98.0	98.3	98.6	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.6	99.8
≥ 400	95.5	98.1	98.4	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.6	99.8
≥ 300	95.5	98.1	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.5	99.7	99.9
≥ 200	95.5	98.1	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.5	99.7	100.0
≥ 100	95.5	98.1	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.5	99.7	100.0
≥ 0	95.5	98.1	98.4	98.7	98.9	98.9	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7412

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9-216
STATION

KINGSLEY FIELD OR
STATION NAME

68-72, 73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9999-3200
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0
NO CEILING	43.4	46.7	47.0	47.6	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.4	48.7	49.1	50.0
≥ 20000	46.1	49.9	50.2	50.8	51.3	51.3	51.4	51.4	51.4	51.6	51.6	51.7	51.9	52.3	53.2	54.6
≥ 18000	50.2	53.8	54.1	54.8	55.3	55.3	55.4	55.4	55.4	55.6	55.6	55.7	55.9	56.3	57.2	58.7
≥ 16000	50.0	53.8	54.1	54.8	55.3	55.3	55.4	55.4	55.4	55.6	55.6	55.7	55.9	56.3	57.2	58.7
≥ 14000	50.3	54.1	54.4	55.1	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.2	56.7	57.6	59.0
≥ 12000	50.8	54.4	54.9	55.6	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.4	56.7	57.1	58.0	59.4
≥ 10000	52.2	56.0	56.3	57.0	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.9	58.1	58.6	59.4	60.9
≥ 9000	52.7	56.4	56.8	57.4	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.3	58.6	59.2	59.9	61.3
≥ 8000	56.7	60.4	60.8	61.4	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.3	62.6	63.0	63.9	65.3
≥ 7000	57.4	61.3	61.8	62.6	63.1	63.1	63.2	63.2	63.2	63.3	63.4	63.6	63.8	64.2	65.1	66.6
≥ 6000	60.1	64.1	64.6	65.3	65.9	65.9	66.0	66.0	66.0	66.1	66.2	66.3	66.6	67.0	67.9	69.3
≥ 5000	62.1	66.1	66.6	67.3	68.0	68.0	68.1	68.1	68.1	68.2	68.3	68.4	68.7	69.1	70.0	71.4
≥ 4500	64.6	68.6	69.2	70.0	70.7	70.7	70.8	70.8	70.8	70.9	71.0	71.1	71.3	71.8	72.7	74.1
≥ 4000	77.3	74.3	75.1	75.9	76.6	76.6	76.7	76.7	76.7	76.8	76.9	77.0	77.2	78.0	78.9	80.3
≥ 3500	7.6	79.4	80.2	81.0	81.7	81.7	81.8	81.9	81.9	82.0	82.1	82.3	82.6	83.3	84.2	85.7
≥ 3000	77.8	83.0	84.3	85.1	85.8	85.8	85.9	86.2	86.2	86.3	86.4	86.7	87.0	87.8	88.7	90.1
≥ 2500	78.7	84.6	85.9	86.9	87.6	87.6	87.8	88.1	88.1	88.2	88.3	88.6	88.9	89.7	90.6	92.0
≥ 2000	80.4	86.6	87.9	88.9	90.0	90.2	90.3	90.7	90.7	90.8	90.9	91.1	91.4	92.2	93.1	94.6
≥ 1800	80.6	86.7	88.0	89.0	90.1	90.3	90.6	91.0	91.0	91.1	91.2	91.4	91.8	92.6	93.4	94.9
≥ 1500	80.8	87.2	88.6	89.8	90.9	91.1	91.4	92.0	92.0	92.1	92.2	92.4	92.8	93.6	94.4	95.9
≥ 1200	81.3	87.7	89.1	90.4	91.6	91.8	92.1	92.7	92.7	92.8	92.9	93.1	93.4	94.2	95.1	96.6
≥ 1000	81.0	87.8	89.1	90.7	91.8	92.0	92.3	92.9	92.9	93.0	93.1	93.3	93.7	94.4	95.3	96.8
≥ 900	81.1	87.8	89.2	90.9	92.0	92.2	92.6	93.1	93.1	93.2	93.3	93.6	93.9	94.7	95.6	97.0
≥ 800	81.0	87.8	89.2	90.9	92.0	92.2	92.6	93.1	93.1	93.2	93.3	93.6	93.9	94.7	95.6	97.0
≥ 700	81.0	87.8	89.3	91.1	92.2	92.4	92.8	93.3	93.3	93.7	94.0	94.2	94.6	95.3	96.2	97.7
≥ 600	81.0	88.0	89.7	91.6	92.7	92.9	93.2	93.8	93.8	94.1	94.4	94.7	95.0	95.8	96.7	98.1
≥ 500	81.0	88.0	89.7	91.6	92.9	93.1	93.4	94.0	94.0	94.3	94.7	94.9	95.2	96.0	96.9	98.3
≥ 400	81.0	88.0	89.7	91.6	92.9	93.1	93.4	94.0	94.1	94.4	94.8	95.0	95.3	96.1	97.1	98.6
≥ 300	81.0	88.0	89.7	91.6	92.9	93.1	93.4	94.0	94.1	94.4	94.8	95.0	95.3	96.1	97.1	98.7
≥ 200	81.0	88.0	89.7	91.6	92.9	93.1	93.4	94.0	94.1	94.4	94.8	95.0	95.4	96.2	97.4	99.6
≥ 100	81.0	88.0	89.7	91.6	92.9	93.1	93.4	94.0	94.1	94.4	94.9	95.1	95.6	96.3	97.7	100.0
≥ 0	81.0	88.0	89.7	91.6	92.9	93.1	93.4	94.0	94.1	94.4	94.9	95.1	95.6	96.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.10	≥.05	≥0
NO CEILING	42.8	43.3	43.7	44.4	44.9	45.0	45.2	45.3	45.6	46.1	46.3	46.4	47.1	47.1	48.6	50.1
≥ 20000	44.4	47.6	47.9	48.7	49.1	49.2	49.4	49.6	49.8	50.3	50.6	50.7	51.3	51.3	52.9	54.4
≥ 18000	46.4	49.6	49.9	50.8	51.2	51.3	51.6	51.7	51.9	52.4	52.7	52.8	53.4	53.4	55.0	56.9
≥ 16000	46.4	49.6	49.9	50.8	51.2	51.3	51.6	51.7	51.9	52.4	52.7	52.8	53.4	53.4	55.0	56.9
≥ 14000	47.2	50.2	50.6	51.4	51.9	52.0	52.2	52.3	52.6	53.1	53.3	53.4	54.1	54.1	55.7	57.6
≥ 12000	47.2	50.2	50.9	51.8	52.2	52.3	52.6	52.7	52.9	53.4	53.7	53.8	54.4	54.4	56.0	57.9
≥ 10000	48.9	52.2	52.4	53.6	54.0	54.1	54.3	54.4	54.7	55.2	55.4	55.6	56.2	56.2	57.9	59.9
≥ 9000	49.0	52.3	52.7	53.7	54.1	54.2	54.4	54.6	54.8	55.3	55.6	55.7	56.3	56.3	58.0	60.0
≥ 8000	52.4	55.9	56.3	57.3	57.8	57.9	58.1	58.2	58.4	59.0	59.2	59.3	60.0	60.0	61.7	63.7
≥ 7000	53.9	57.3	58.0	59.0	59.4	59.6	59.8	59.9	60.1	60.7	60.9	61.0	61.7	61.7	63.3	65.3
≥ 6000	56.2	59.1	60.6	61.6	62.0	62.1	62.3	62.4	62.7	63.2	63.4	63.6	64.2	64.2	65.9	67.9
≥ 5000	57.0	60.8	61.6	62.6	63.0	63.1	63.3	63.4	63.7	64.2	64.4	64.6	65.2	65.2	66.9	68.9
≥ 4500	59.2	63.0	63.9	64.9	65.3	65.4	65.7	65.8	66.0	66.6	66.8	66.9	67.6	67.6	69.2	71.2
≥ 4000	64.8	69.1	70.0	71.0	71.4	71.6	71.8	72.1	72.3	72.9	73.1	73.2	73.9	74.0	75.7	77.7
≥ 3500	68.8	73.3	74.3	75.4	75.9	76.0	76.2	76.6	76.8	77.3	77.6	77.7	78.3	78.4	80.1	82.1
≥ 3000	72.7	77.9	79.3	80.4	80.9	81.0	81.2	81.6	81.8	82.3	82.7	82.8	83.8	83.9	85.6	87.6
≥ 2500	74.3	79.9	81.3	82.4	82.9	83.0	83.4	83.8	84.0	84.6	84.9	85.0	86.0	86.1	87.8	89.8
≥ 2000	76.7	82.4	84.0	85.2	86.2	86.3	86.8	87.1	87.4	88.1	88.4	88.6	89.6	89.7	91.3	93.3
≥ 1800	76.2	82.8	84.1	85.3	86.3	86.4	86.9	87.2	87.6	88.2	88.6	88.7	89.7	89.8	91.4	93.4
≥ 1500	76.3	83.0	84.7	85.9	86.9	87.1	87.8	88.3	88.7	89.4	89.8	89.9	90.9	91.0	92.7	94.7
≥ 1200	76.8	83.6	85.2	86.4	87.4	87.8	88.4	89.1	89.4	90.2	90.5	90.7	91.7	91.8	93.4	95.4
≥ 1000	76.8	83.6	85.3	86.7	87.9	88.2	88.9	89.6	89.9	90.7	91.0	91.1	92.1	92.2	93.9	95.9
≥ 900	76.8	83.6	85.8	87.3	88.6	88.9	89.6	90.2	90.6	91.3	91.7	91.8	92.8	92.9	94.6	96.6
≥ 800	76.8	83.6	85.8	87.3	88.6	88.9	89.6	90.2	90.6	91.4	91.8	91.9	92.9	93.0	94.7	96.7
≥ 700	76.8	83.8	85.8	87.4	88.7	89.0	89.7	90.3	90.7	91.6	91.9	92.0	93.0	93.1	94.8	96.8
≥ 600	76.8	83.8	86.2	87.9	89.2	89.6	90.2	90.9	91.2	92.1	92.4	92.6	93.6	93.7	95.3	97.3
≥ 500	76.8	83.8	86.2	87.9	89.2	89.6	90.2	90.9	91.2	92.2	92.6	92.7	93.7	93.8	95.4	97.4
≥ 400	76.8	83.8	86.2	87.9	89.2	89.6	90.2	90.9	91.3	92.3	92.8	92.9	93.9	94.0	95.8	97.8
≥ 300	76.8	83.8	86.2	87.9	89.2	89.6	90.2	90.9	91.3	92.4	92.9	93.0	94.0	94.1	95.9	98.4
≥ 200	76.8	83.8	86.2	87.9	89.2	89.6	90.3	91.0	91.4	92.6	93.0	93.1	94.1	94.2	96.2	99.4
≥ 100	76.8	83.8	86.2	87.9	89.2	89.6	90.3	91.1	91.6	92.7	93.1	93.2	94.2	94.3	96.4	99.9
≥ 0	76.8	83.8	86.2	87.9	89.2	89.6	90.3	91.1	91.6	92.7	93.1	93.2	94.2	94.3	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥½	≥¼	≥0
NO CEILING	31.9	33.3	33.6	34.0	34.6	34.6	34.9	35.0	35.0	35.4	35.8	35.8	36.1	36.4	37.7	40.0
≥20000	35.7	37.2	37.4	37.9	38.4	38.4	38.8	38.9	38.9	39.3	39.7	39.7	40.0	40.7	41.7	44.0
≥18000	39.0	40.7	41.0	41.6	42.1	42.2	42.6	42.7	42.7	43.1	43.4	43.4	43.8	44.1	45.4	46.1
≥16000	39.0	40.7	41.0	41.6	42.1	42.2	42.6	42.7	42.7	43.1	43.4	43.4	43.8	44.1	45.4	46.1
≥14000	39.7	41.3	41.7	42.2	42.8	42.9	43.2	43.3	43.3	43.8	44.1	44.1	44.4	44.8	46.1	48.8
≥12000	40.9	42.7	43.0	43.6	44.1	44.2	44.6	44.7	44.7	45.1	45.4	45.4	45.8	46.1	47.4	50.1
≥10000	43.1	45.0	45.4	46.0	46.6	46.7	47.0	47.1	47.1	47.6	47.9	47.9	48.2	48.7	50.2	53.1
≥9000	43.4	45.3	45.8	46.3	46.9	47.0	47.3	47.4	47.4	47.9	48.2	48.2	48.6	49.0	50.6	53.4
≥8000	46.1	49.9	50.3	50.9	51.4	51.6	51.9	52.0	52.0	52.4	52.8	52.8	53.2	53.7	55.3	58.2
≥7000	49.4	51.4	51.9	52.4	53.0	53.1	53.4	53.6	53.6	54.0	54.3	54.3	54.8	55.2	56.9	59.8
≥6000	52.3	54.6	55.1	55.8	56.3	56.4	56.8	56.9	56.9	57.3	57.7	57.7	58.1	58.6	60.2	63.2
≥5000	55.4	57.7	58.2	58.9	59.4	59.6	59.9	60.0	60.0	60.6	60.9	60.9	61.3	61.8	63.4	66.6
≥4500	57.6	59.8	60.3	61.0	61.6	61.7	62.0	62.1	62.1	62.7	63.0	63.0	63.4	63.9	65.6	68.7
≥4000	61.6	64.3	65.1	65.8	66.3	66.4	66.9	67.1	67.1	67.7	68.0	68.0	68.4	68.9	70.6	73.6
≥3500	65.9	68.9	69.7	70.3	70.9	71.0	71.4	71.7	71.7	72.2	72.6	72.6	73.0	73.4	75.1	78.3
≥3000	68.6	72.6	73.4	74.2	75.1	75.2	75.7	75.9	75.9	76.8	77.1	77.1	77.6	78.0	79.9	83.1
≥2500	70.4	74.7	75.6	76.3	77.2	77.3	77.8	78.0	78.0	79.0	79.3	79.3	79.9	80.4	82.3	85.6
≥2000	72.6	77.4	78.6	79.3	80.6	80.7	81.2	81.4	81.4	82.4	82.8	82.8	83.3	83.9	85.8	89.1
≥1800	72.8	77.7	78.8	79.6	80.8	80.9	81.4	81.7	81.7	82.7	83.0	83.0	83.6	84.1	86.0	89.3
≥1500	74.0	79.2	80.3	81.2	82.4	82.6	83.2	83.6	83.6	84.6	85.1	85.2	85.8	86.3	88.3	91.7
≥1200	74.1	79.3	80.4	81.3	82.7	82.8	83.6	84.1	84.1	85.1	85.8	85.9	86.4	87.0	89.0	92.3
≥1000	74.4	79.7	80.8	81.7	83.1	83.2	84.1	84.7	84.7	85.8	86.6	86.9	87.4	88.1	90.1	93.4
≥900	74.4	79.8	80.9	81.9	83.3	83.4	84.3	84.9	84.9	86.0	87.0	87.1	87.7	88.3	90.3	93.7
≥800	74.4	79.8	80.9	81.9	83.3	83.4	84.3	84.9	84.9	86.0	87.0	87.1	87.7	88.3	90.3	93.8
≥700	74.4	79.9	81.0	82.0	83.4	83.6	84.4	85.0	85.0	86.1	87.1	87.3	87.9	88.6	90.6	93.9
≥600	74.4	80.0	81.2	82.2	83.7	83.8	84.7	85.2	85.2	86.3	87.3	87.6	88.2	88.9	90.9	94.3
≥500	74.4	80.0	81.2	82.4	83.9	84.1	85.0	85.6	85.6	86.8	87.8	88.0	88.7	89.3	91.3	94.9
≥400	74.4	80.0	81.2	82.4	83.9	84.1	85.0	85.7	85.7	86.9	87.9	88.2	89.0	89.7	91.9	95.7
≥300	74.4	80.1	81.3	82.6	84.0	84.2	85.1	85.8	85.8	87.0	88.0	88.3	89.3	90.0	92.3	96.9
≥200	74.4	80.1	81.3	82.6	84.0	84.2	85.1	85.8	85.8	87.0	88.0	88.3	89.4	90.1	93.1	98.8
≥100	74.4	80.1	81.3	82.6	84.0	84.2	85.2	85.9	85.9	87.1	88.1	88.4	89.6	90.2	93.2	99.8
≥0	74.4	80.1	81.3	82.6	84.0	84.2	85.2	85.9	85.9	87.1	88.1	88.4	89.6	90.2	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0930-1100
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	33.2	35.3	35.6	36.3	36.6	36.6	36.6	36.6	36.6	36.8	36.9	37.0	37.1	37.2	37.3	37.8
≥ 20000	38.0	39.6	39.9	40.4	41.1	41.1	41.1	41.1	41.1	41.3	41.4	41.6	41.7	41.8	41.9	43.6
≥ 18000	41.3	43.2	43.6	44.1	44.8	44.8	44.8	44.8	45.0	45.1	45.2	45.3	45.4	45.7	45.8	47.7
≥ 16000	41.4	45.3	43.7	44.2	44.9	44.9	44.9	44.9	45.1	45.2	45.3	45.4	45.6	45.8	45.9	47.8
≥ 14000	42.7	44.6	45.7	45.6	46.2	46.2	46.2	46.2	46.4	46.6	46.7	46.8	46.9	47.1	47.2	49.1
≥ 12000	44.2	46.5	46.4	47.0	47.7	47.7	47.7	47.7	47.9	48.0	48.1	48.2	48.3	48.6	48.7	50.6
≥ 10000	48.0	49.9	50.3	51.0	51.7	51.7	51.7	51.7	51.9	52.0	52.1	52.3	52.4	52.7	52.8	54.7
≥ 9000	48.2	50.1	50.6	51.2	51.9	51.9	51.9	51.9	52.1	52.2	52.3	52.6	52.7	52.9	53.1	54.9
≥ 8000	51.0	52.9	53.3	54.0	54.7	54.7	54.7	54.9	55.0	55.1	55.3	55.4	55.7	55.8	56.4	57.8
≥ 7000	52.6	54.4	55.0	55.7	56.3	56.3	56.3	56.6	56.7	56.8	57.0	57.1	57.3	57.4	58.1	59.4
≥ 6000	55.1	57.0	57.6	58.2	58.9	58.9	58.9	59.1	59.2	59.3	59.6	59.7	59.9	60.0	60.7	62.0
≥ 5000	57.7	59.6	60.1	60.8	61.4	61.4	61.4	61.7	61.8	61.9	62.1	62.2	62.4	62.6	63.3	64.7
≥ 4500	59.3	61.4	62.0	62.7	63.3	63.3	63.3	63.6	63.7	63.8	64.0	64.1	64.3	64.4	65.2	66.6
≥ 4000	64.4	66.7	67.2	67.9	68.6	68.6	68.6	68.8	68.9	69.0	69.2	69.3	69.6	69.7	70.4	71.8
≥ 3500	68.2	70.8	71.3	72.0	72.7	72.7	72.7	72.9	73.0	73.1	73.3	73.4	73.7	73.8	74.7	76.0
≥ 3000	73.0	76.2	76.9	77.6	78.2	78.2	78.2	78.3	78.7	78.8	79.1	79.3	79.4	79.8	80.9	82.2
≥ 2500	74.1	77.4	78.3	79.0	79.7	79.7	79.7	79.8	80.1	80.2	80.7	80.9	81.0	81.3	81.4	83.8
≥ 2000	77.3	81.2	82.3	83.0	83.9	83.9	84.2	84.6	84.7	85.1	85.3	85.6	85.9	86.0	87.1	88.4
≥ 1800	77.8	81.8	82.9	83.7	84.7	84.7	85.0	85.3	85.4	85.9	86.1	86.3	86.7	86.8	87.9	89.2
≥ 1500	79.0	83.1	84.4	85.3	86.4	86.4	86.8	87.2	87.3	88.0	88.2	88.4	88.8	88.9	90.0	91.3
≥ 1200	80.0	84.3	85.7	86.7	87.9	87.9	88.2	88.6	88.9	89.7	89.9	90.1	90.4	90.6	91.7	93.0
≥ 1000	80.0	84.4	86.0	87.0	88.2	88.4	88.9	89.8	90.0	90.8	91.0	91.2	91.6	91.7	92.8	94.1
≥ 900	80.0	84.6	86.1	87.1	88.3	88.6	89.0	89.9	90.1	90.9	91.1	91.3	91.7	91.8	92.9	94.2
≥ 800	80.0	84.8	86.3	87.3	88.7	88.9	89.4	90.4	90.7	91.4	91.7	91.9	92.2	92.3	93.4	94.8
≥ 700	80.2	84.8	86.3	87.3	88.8	89.0	89.7	90.7	90.9	91.7	91.9	92.1	92.7	92.8	93.9	95.2
≥ 600	80.2	84.9	86.8	88.1	89.6	89.8	90.4	91.4	91.7	92.4	92.7	92.9	93.4	93.6	94.9	96.4
≥ 500	80.2	84.9	86.8	88.1	89.7	90.0	90.7	91.7	91.9	92.8	93.0	93.2	93.8	93.9	95.2	96.8
≥ 400	80.2	85.1	87.0	88.3	89.9	90.2	90.9	91.9	92.1	93.0	93.2	93.4	94.1	94.2	95.6	97.1
≥ 300	80.2	85.2	87.1	88.4	90.0	90.3	91.0	92.2	92.4	93.7	93.9	94.1	94.8	95.0	96.7	99.2
≥ 200	80.2	85.2	87.1	88.4	90.0	90.3	91.0	92.2	92.4	93.7	93.9	94.1	94.8	95.0	97.2	99.9
≥ 100	80.2	85.2	87.1	88.4	90.0	90.3	91.0	92.2	92.4	93.7	93.9	94.1	94.8	95.0	97.2	100.0
≥ 0	80.2	85.2	87.1	88.4	90.0	90.3	91.0	92.2	92.4	93.7	93.9	94.1	94.8	95.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94276
STATION

KINGSLEY FIELD OR
STATION NAME

58-70,73-79
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.01
NO CEILING	37.8	38.1	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4
≥ 20000	45.0	45.7	45.7	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1
≥ 18000	50.7	51.4	51.6	51.8	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2
≥ 16000	50.9	51.7	51.8	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4
≥ 14000	51.3	52.1	52.2	52.4	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9
≥ 12000	53.1	54.0	54.2	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9
≥ 10000	58.7	59.8	59.8	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4
≥ 9000	58.9	59.8	60.0	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7
≥ 8000	60.7	61.8	62.0	62.2	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7
≥ 7000	62.1	63.2	63.4	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1
≥ 6000	63.9	65.0	65.2	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
≥ 5000	66.0	67.1	67.3	67.6	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1
≥ 4500	68.2	69.4	69.7	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6
≥ 4000	74.2	75.4	75.7	75.9	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.7	76.7	76.7
≥ 3500	78.3	79.9	80.1	80.3	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1
≥ 3000	83.2	85.2	85.6	85.9	86.3	86.3	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7
≥ 2500	84.6	87.0	87.6	87.9	88.3	88.3	88.4	88.6	88.6	88.6	88.8	88.8	88.9	89.2	89.2	89.2
≥ 2000	87.1	89.8	90.6	91.0	91.6	91.6	91.8	92.0	92.0	92.2	92.2	92.3	92.7	92.7	92.7	92.7
≥ 1800	87.4	90.2	91.0	91.4	92.0	92.0	92.2	92.4	92.4	92.4	92.7	92.7	92.8	93.1	93.1	93.1
≥ 1500	88.4	91.7	92.4	92.9	93.6	93.6	93.8	94.0	94.0	94.2	94.2	94.3	94.7	94.7	94.7	94.7
≥ 1200	88.4	91.7	92.4	92.9	93.8	93.8	94.0	94.2	94.2	94.4	94.4	94.6	94.9	94.9	94.9	94.9
≥ 1000	88.8	92.1	92.8	93.3	94.2	94.2	94.4	94.7	94.7	95.1	95.1	95.2	95.7	95.7	95.8	95.8
≥ 900	88.8	92.2	93.0	93.6	94.4	94.4	94.7	94.9	94.9	95.3	95.4	95.7	96.1	96.1	96.2	96.2
≥ 800	88.9	92.3	93.3	94.0	94.9	94.9	95.1	95.7	95.7	96.2	96.4	96.7	97.1	97.1	97.2	97.2
≥ 700	88.9	92.3	93.3	94.0	94.9	94.9	95.2	95.9	95.9	96.4	96.8	97.0	97.4	97.4	97.7	97.7
≥ 600	89.0	92.8	93.6	94.6	95.7	95.7	96.0	96.7	96.7	97.2	97.6	97.8	98.3	98.3	98.7	98.7
≥ 500	89.0	92.7	93.7	94.8	95.9	95.9	96.3	97.0	97.0	97.7	98.1	98.3	98.9	98.9	99.2	99.2
≥ 400	89.0	92.7	93.8	94.9	96.0	96.0	96.6	97.3	97.3	98.0	98.4	98.7	99.2	99.2	99.6	99.6
≥ 300	89.0	92.7	93.8	94.9	96.1	96.1	96.7	97.6	97.6	98.3	98.8	99.0	99.6	99.6	99.9	100.0
≥ 200	89.0	92.7	93.8	94.9	96.1	96.1	96.7	97.6	97.6	98.3	98.8	99.0	99.6	99.6	99.9	100.0
≥ 100	89.0	92.7	93.8	94.9	96.1	96.1	96.7	97.6	97.6	98.3	98.8	99.0	99.6	99.6	99.9	100.0
≥ 0	89.0	92.7	93.8	94.9	96.1	96.1	96.7	97.6	97.6	98.3	98.8	99.0	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION
14236

STATION NAME
KINGSLEY FIELD OR

YEAR
66-70, 73-79

NOV
2000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1530-1700
2000-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 18000	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	50.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 12000	53.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	58.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 9000	59.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	63.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 7000	64.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	69.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4000	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	80.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	85.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	88.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	88.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	89.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	89.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 200	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 100	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 0	89.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0236

WINGSLEY FIELD CR

69-70,73-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥3	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	45.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	49.8	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	53.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 16000	53.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	53.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	54.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	58.9	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	59.6	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	63.2	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	65.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	67.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	69.2	71.3	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	70.8	73.1	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4000	74.6	77.4	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	79.0	81.9	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	81.7	85.1	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	83.9	87.5	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	85.3	89.1	90.5	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	85.9	90.0	90.7	91.3	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	86.2	91.8	92.5	93.2	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	86.4	92.2	93.1	93.8	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 200	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 100	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 0	86.4	92.3	93.2	94.0	94.6	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94276
STATION

-INGSLEY FIELD OR
STATION NAME

58-77,73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	43.3	49.2	49.7	51.0	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.4	50.4	51.0	51.7
≥ 20000	49.3	52.5	52.9	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.7	53.7	54.2	54.9
≥ 18000	51.9	55.1	55.1	55.8	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.6	57.1	57.8
≥ 16000	51.9	55.0	55.5	55.8	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.6	57.1	57.8
≥ 14000	51.9	55.0	55.5	55.8	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.6	57.1	57.8
≥ 12000	53.6	56.7	57.1	57.5	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.8	59.5
≥ 10000	56.9	60.2	60.6	60.9	61.4	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.7	61.7	62.3	62.9
≥ 9000	57.6	60.8	61.3	61.6	62.2	62.1	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.9	63.6
≥ 8000	61.3	64.6	65.1	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.7	67.4
≥ 7000	62.4	65.7	66.2	66.5	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.3	67.3	67.9	68.5
≥ 6000	64.4	67.7	68.2	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.5	69.5	70.1	70.8
≥ 5000	66.4	70.0	70.4	71.0	71.5	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	72.4	73.1
≥ 4500	68.3	72.2	72.7	73.2	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.7	75.3
≥ 4000	74.3	78.5	78.9	79.5	80.5	80.0	80.2	80.5	80.5	80.5	80.6	80.6	80.7	80.7	81.3	81.9
≥ 3500	76.8	81.8	82.3	82.8	83.4	83.4	83.6	83.8	83.8	83.8	83.9	83.9	84.0	84.0	84.6	85.3
≥ 3000	79.8	85.0	85.6	86.3	86.9	86.9	87.2	87.5	87.5	87.5	87.6	87.6	87.7	87.7	88.3	89.2
≥ 2500	81.3	87.2	88.1	88.8	89.6	89.6	89.8	90.2	90.2	90.2	90.3	90.3	90.4	90.4	91.0	91.6
≥ 2000	82.5	88.8	89.1	90.8	91.6	91.6	91.9	92.2	92.2	92.2	92.3	92.3	92.4	92.4	93.0	93.6
≥ 1800	82.8	89.4	90.6	91.4	92.2	92.2	92.4	92.7	92.7	92.7	92.9	92.9	93.0	93.0	93.5	94.2
≥ 1500	83.5	90.6	92.0	92.9	93.6	93.6	94.0	94.3	94.3	94.3	94.4	94.4	94.5	94.5	95.1	95.8
≥ 1200	83.8	91.1	92.4	93.5	94.3	94.3	94.6	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.9	96.5
≥ 1000	83.9	91.3	92.7	94.0	94.9	94.9	95.2	95.6	95.6	95.6	95.8	95.8	96.0	96.0	96.5	97.2
≥ 900	83.8	91.3	92.9	94.1	95.0	95.0	95.3	95.9	95.9	95.9	96.0	96.0	96.2	96.3	96.9	97.5
≥ 800	83.9	91.3	92.9	94.1	95.1	95.1	95.4	96.0	96.3	96.3	96.4	96.4	96.7	96.8	97.3	98.0
≥ 700	83.8	91.3	92.9	94.3	95.3	95.3	95.6	96.2	96.5	96.7	96.8	96.8	97.0	97.1	97.7	98.3
≥ 600	83.3	91.3	93.2	94.8	95.8	95.8	96.1	96.7	97.0	97.1	97.3	97.3	97.7	97.8	98.3	99.0
≥ 500	83.8	91.3	93.2	94.8	95.8	95.8	96.1	96.7	97.0	97.2	97.4	97.4	97.8	97.9	98.4	99.1
≥ 400	83.8	91.3	93.2	94.8	95.8	95.8	96.1	96.7	97.0	97.2	97.4	97.4	97.8	97.9	98.4	99.1
≥ 300	83.8	91.3	93.2	94.8	95.8	95.8	96.1	96.7	97.0	97.2	97.4	97.5	97.9	98.1	98.7	99.3
≥ 200	83.8	91.3	93.2	94.8	95.8	95.8	96.1	96.7	97.0	97.2	97.4	97.5	97.9	98.1	99.1	100.0
≥ 100	83.8	91.3	93.2	94.8	95.8	95.8	96.1	96.7	97.0	97.2	97.4	97.5	97.9	98.1	99.1	100.0
≥ 0	83.8	91.3	93.2	94.8	95.8	95.8	96.1	96.7	97.0	97.2	97.4	97.5	97.9	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
#276

STATION NAME
KINGSLEY FIELD OR

YEARS
68-70, 73-79

MONTH
NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS
ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.025	≥0
NO CEILING	39.8	41.6	41.9	42.2	42.5	42.5	42.6	42.7	42.7	42.9	43.1	43.1	43.2	43.4	43.9	44.8
≥ 20000	44.2	46.2	46.4	46.7	47.1	47.1	47.2	47.2	47.3	47.5	47.6	47.6	47.8	47.9	48.6	49.5
≥ 18000	47.7	49.8	50.1	50.4	50.8	50.8	50.9	51.0	51.0	51.2	51.3	51.4	51.6	51.7	52.4	53.4
≥ 16000	47.8	49.8	50.1	50.5	50.8	50.9	51.0	51.0	51.1	51.3	51.4	51.4	51.7	51.8	52.4	53.4
≥ 14000	48.4	50.5	50.8	51.2	51.6	51.6	51.7	51.7	51.8	52.0	52.1	52.1	52.4	52.5	53.1	54.1
≥ 12000	49.8	51.9	52.2	52.6	53.0	53.1	53.1	53.2	53.2	53.4	53.5	53.6	53.8	53.9	54.5	55.6
≥ 10000	53.1	55.4	55.7	56.1	56.5	56.5	56.6	56.7	56.7	56.9	57.1	57.1	57.3	57.4	58.1	59.2
≥ 9000	53.6	55.9	56.2	56.6	57.0	57.1	57.1	57.2	57.2	57.4	57.5	57.6	57.8	57.9	58.6	59.7
≥ 8000	57.1	59.4	59.7	60.1	60.5	60.5	60.6	60.7	60.7	60.9	61.1	61.1	61.3	61.5	62.2	63.2
≥ 7000	58.5	60.8	61.2	61.6	62.0	62.0	62.1	62.2	62.3	62.5	62.6	62.6	62.9	63.1	63.7	64.8
≥ 6000	61.7	63.1	63.5	64.0	64.4	64.4	64.5	64.6	64.7	64.8	65.0	65.0	65.3	65.4	66.1	67.2
≥ 5000	62.7	65.2	65.7	66.2	66.6	66.7	66.8	66.8	66.9	67.1	67.2	67.3	67.5	67.7	68.4	69.5
≥ 4500	64.7	67.3	67.7	68.3	68.7	68.7	68.8	68.9	69.0	69.2	69.3	69.4	69.6	69.7	70.4	71.5
≥ 4000	70.0	72.9	73.4	74.0	74.4	74.4	74.6	74.7	74.8	75.0	75.1	75.2	75.4	75.6	76.3	77.4
≥ 3500	74.1	77.3	77.8	78.4	78.8	78.8	79.0	79.2	79.2	79.4	79.6	79.7	79.9	80.1	80.8	81.9
≥ 3000	77.7	81.5	82.2	82.8	83.3	83.4	83.5	83.8	83.8	84.1	84.2	84.3	84.6	84.8	85.6	86.7
≥ 2500	79.3	83.5	84.3	85.0	85.5	85.6	85.7	86.0	86.0	86.4	86.5	86.6	87.0	87.2	87.9	89.1
≥ 2000	81.2	85.9	86.9	87.7	88.5	88.6	88.9	89.2	89.2	89.6	89.7	89.8	90.2	90.4	91.2	92.3
≥ 1800	81.4	86.2	87.2	88.0	88.9	88.9	89.2	89.5	89.6	89.9	90.1	90.2	90.5	90.7	91.5	92.7
≥ 1500	82.2	87.4	88.5	89.4	90.3	90.3	90.7	91.1	91.1	91.6	91.8	91.9	92.2	92.4	93.2	94.4
≥ 1200	82.5	87.9	89.0	90.0	90.9	91.0	91.4	91.8	91.9	92.3	92.5	92.7	93.0	93.2	94.0	95.2
≥ 1000	82.5	88.1	89.3	90.3	91.3	91.4	91.9	92.4	92.5	93.0	93.3	93.4	93.8	94.0	94.8	95.9
≥ 900	82.5	88.2	89.4	90.5	91.5	91.6	92.1	92.6	92.7	93.2	93.5	93.6	94.0	94.3	95.1	96.2
≥ 800	82.6	88.3	89.5	90.6	91.6	91.6	92.2	92.6	93.0	93.6	93.9	94.0	94.4	94.6	95.5	96.6
≥ 700	82.6	88.3	89.5	90.8	91.8	91.9	92.4	93.0	93.3	93.9	94.2	94.4	94.8	95.0	95.9	97.0
≥ 600	82.6	88.4	89.8	91.2	92.3	92.4	92.9	93.6	93.8	94.4	94.8	95.0	95.5	95.7	96.6	97.8
≥ 500	82.6	88.4	89.8	91.3	92.4	92.6	93.1	93.8	94.1	94.6	95.0	95.2	95.7	95.9	96.9	98.1
≥ 400	82.6	88.5	89.9	91.3	92.5	92.6	93.2	93.8	94.1	94.8	95.2	95.4	95.9	96.1	97.1	98.3
≥ 300	82.6	88.5	89.9	91.3	92.5	92.7	93.2	93.9	94.2	94.9	95.3	95.5	96.1	96.4	97.5	99.0
≥ 200	82.6	88.5	89.9	91.3	92.5	92.7	93.2	94.0	94.2	94.9	95.4	95.5	96.2	96.5	97.8	99.7
≥ 100	82.6	88.5	89.9	91.3	92.5	92.7	93.2	94.0	94.2	95.0	95.4	95.6	96.2	96.5	97.9	100.0
≥ 0	82.6	88.5	89.9	91.3	92.5	92.7	93.2	94.0	94.2	95.0	95.4	95.6	96.2	96.5	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7191

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-78
YEARS

DFC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0007-0200
HOURS (UT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	32.7	36.5	37.5	38.0	38.3	38.4	38.5	38.8	38.8	39.1	39.1	39.5	40.1	40.2	41.5	44.4
≥ 20000	36.1	40.0	41.2	41.6	41.9	42.2	42.3	42.6	42.6	43.0	43.3	43.3	44.0	44.1	45.5	48.5
IV 18000	36.9	40.8	42.7	42.9	42.8	43.3	43.1	43.4	43.4	43.9	43.9	44.2	44.8	44.9	46.3	49.7
IV 16000	37.2	41.1	42.4	42.8	43.1	43.3	43.4	43.8	43.8	44.2	44.2	44.5	45.2	45.3	46.7	50.0
IV 14000	37.3	41.2	42.9	42.9	43.2	43.4	43.5	43.9	43.9	44.3	44.3	44.6	45.3	45.4	46.8	50.1
IV 12000	37.7	41.7	43.0	43.4	43.8	44.0	44.1	44.4	44.4	44.8	44.8	45.2	45.8	45.9	47.3	50.6
IV 10000	40.2	44.3	45.6	46.0	46.3	46.6	46.7	47.0	47.0	47.4	47.4	47.7	48.4	48.5	49.9	53.2
IV 9000	40.8	44.8	46.1	46.6	46.9	47.1	47.2	47.5	47.5	48.0	48.0	48.3	48.9	49.0	50.4	53.8
IV 8000	43.4	47.7	49.0	49.5	49.8	50.0	50.1	50.4	50.4	50.9	50.9	51.2	51.8	51.9	53.3	56.7
IV 7000	46.7	50.9	51.8	52.4	52.7	52.9	53.0	53.3	53.3	53.8	53.8	54.1	54.7	54.8	56.2	59.6
IV 6000	48.3	53.8	54.9	55.5	55.8	56.0	56.1	56.5	56.5	56.9	56.9	57.2	57.8	58.0	59.4	62.7
IV 5000	50.9	56.3	57.7	58.3	58.6	58.8	59.0	59.4	59.4	59.9	59.9	60.2	60.9	61.0	62.4	65.7
IV 4500	53.4	59.2	60.6	61.2	61.5	61.7	61.9	62.3	62.3	62.8	62.8	63.1	63.8	63.9	65.3	68.6
IV 4000	57.0	62.8	64.2	64.7	65.1	65.3	65.5	65.8	65.8	66.5	66.5	66.8	67.4	67.5	68.9	72.3
IV 3500	60.2	67.4	68.8	69.5	69.8	70.0	70.2	70.5	70.5	71.2	71.2	71.5	72.3	72.4	73.8	77.1
IV 3000	63.4	71.2	72.7	73.5	74.0	74.2	74.4	74.7	74.7	75.6	75.6	75.9	76.7	76.8	78.2	81.5
IV 2500	65.4	73.8	75.4	76.2	76.8	77.0	77.2	77.5	77.5	78.4	78.4	78.7	79.5	79.6	81.0	84.3
IV 2000	66.7	76.9	78.4	79.2	80.0	80.2	80.5	80.9	80.9	81.7	81.7	82.0	82.8	82.9	84.3	87.6
IV 1800	67.1	76.8	78.8	79.7	80.4	80.6	81.0	81.3	81.3	82.2	82.2	82.5	83.2	83.3	84.7	88.1
IV 1500	67.4	77.3	79.4	80.2	81.0	81.2	81.5	81.8	81.8	82.7	82.9	83.2	84.0	84.1	85.7	89.0
IV 1200	68.0	78.0	80.0	81.0	81.7	81.9	82.4	82.7	82.8	83.7	84.0	84.4	85.2	85.3	86.9	90.2
IV 1000	68.2	78.3	80.4	81.5	82.3	82.5	83.2	83.5	83.7	84.6	84.9	85.4	86.1	86.2	87.8	91.2
IV 900	68.2	78.3	80.4	81.5	82.3	82.5	83.4	83.8	83.9	84.8	85.2	85.6	86.3	86.5	88.1	91.4
IV 800	68.3	78.5	80.6	81.7	82.5	82.7	83.7	84.0	84.2	85.2	85.5	85.9	86.7	86.8	88.4	91.7
IV 700	68.5	78.7	81.0	82.0	82.8	83.0	84.0	84.4	84.6	85.6	86.0	86.5	87.2	87.3	88.9	92.4
IV 600	68.6	78.8	81.4	82.5	83.2	83.4	84.4	84.9	85.2	86.1	86.6	87.0	87.7	87.8	89.6	93.0
IV 500	68.6	78.8	81.5	82.7	83.4	83.7	84.6	85.4	85.6	86.6	87.1	87.5	88.6	88.7	90.6	94.1
IV 400	68.6	78.8	81.6	82.8	83.7	83.9	85.1	85.9	86.1	87.1	87.7	88.3	89.4	89.6	92.3	95.9
IV 300	68.6	78.8	81.6	82.8	83.7	83.9	85.1	85.9	86.1	87.1	87.7	88.3	89.4	89.9	93.4	98.1
IV 200	68.6	78.8	81.6	82.8	83.7	83.9	85.1	85.9	86.1	87.2	87.8	88.4	89.8	90.4	94.4	99.6
IV 100	68.6	78.8	81.6	82.8	83.7	83.9	85.1	85.9	86.1	87.2	87.8	88.4	89.8	90.4	94.5	99.9
IV 0	68.6	78.8	81.6	82.8	83.7	83.9	85.1	85.9	86.1	87.2	87.8	88.4	89.8	90.4	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	31.9	33.7	34.5	34.9	35.4	35.4	35.4	35.5	35.5	35.6	35.8	35.8	36.2	36.9	39.2	42.0
≥ 20000	34.4	37.2	38.1	38.5	38.9	38.9	39.0	39.1	39.1	39.2	39.5	39.5	39.9	40.5	43.7	45.9
≥ 18000	34.9	37.6	38.5	38.9	39.4	39.4	39.6	39.7	39.7	39.8	40.0	40.0	40.4	41.1	43.5	46.7
≥ 16000	35.2	38.7	38.8	39.2	39.7	39.7	39.9	40.0	40.0	40.1	40.3	40.3	40.8	41.4	43.5	47.0
≥ 14000	35.2	38.0	38.8	39.2	39.7	39.7	39.9	40.0	40.0	40.1	40.3	40.3	40.8	41.4	43.9	47.0
≥ 12000	36.3	39.4	40.2	40.6	41.1	41.1	41.3	41.4	41.4	41.5	41.7	41.7	42.2	42.8	45.3	48.4
≥ 10000	37.7	40.9	41.7	42.2	42.6	42.6	42.8	42.9	42.9	43.0	43.2	43.2	43.7	44.3	46.8	49.9
≥ 9000	38.0	41.1	41.9	42.4	42.8	42.8	43.0	43.1	43.1	43.2	43.4	43.4	43.9	44.5	47.0	50.1
≥ 8000	41.5	44.1	45.1	45.5	45.9	45.9	46.1	46.2	46.2	46.3	46.6	46.6	47.0	47.6	50.1	53.2
≥ 7000	43.7	47.6	48.7	49.4	49.8	49.8	50.0	50.1	50.1	50.2	50.4	50.4	50.9	51.5	54.0	57.1
≥ 6000	46.1	51.9	51.9	52.6	53.0	53.0	53.2	53.3	53.3	53.4	53.7	53.7	54.1	54.7	57.2	60.3
≥ 5000	48.9	53.7	54.7	55.4	55.8	55.8	56.0	56.1	56.1	56.5	56.7	56.7	57.1	57.7	60.2	63.3
≥ 4500	51.4	56.3	57.4	58.1	58.5	58.5	58.7	58.8	58.8	59.1	59.4	59.4	59.8	60.4	62.9	66.0
≥ 4000	55.2	60.3	61.4	62.0	62.5	62.5	62.7	62.8	62.8	63.2	63.4	63.4	63.9	64.5	67.0	70.1
≥ 3500	57.4	63.9	64.9	65.6	66.0	66.0	66.3	66.5	66.5	66.9	67.1	67.1	67.5	68.2	70.6	73.6
≥ 3000	60.6	68.0	69.0	69.8	70.5	70.5	70.9	71.1	71.1	71.5	71.7	71.7	72.2	72.8	75.3	78.5
≥ 2500	62.9	70.8	71.8	72.4	73.3	73.3	73.7	73.8	73.8	74.4	74.6	74.6	75.1	75.7	78.3	81.5
≥ 2000	64.8	73.7	75.1	75.8	76.7	76.7	77.1	77.2	77.2	77.8	78.1	78.1	78.5	79.1	81.7	84.9
≥ 1800	64.9	74.1	75.4	76.1	77.0	77.1	77.4	77.5	77.5	78.2	78.4	78.4	78.8	79.5	82.0	85.3
≥ 1500	65.8	75.6	77.0	77.8	78.9	79.1	79.6	79.7	79.7	80.4	80.8	80.8	81.2	81.8	84.4	87.6
≥ 1200	65.8	75.7	77.1	78.0	79.0	79.2	79.8	80.1	80.1	80.9	81.2	81.2	81.6	82.3	84.9	88.2
≥ 1000	65.8	75.7	77.1	78.0	79.1	79.4	80.2	80.6	80.6	81.4	81.7	81.7	82.5	83.1	85.8	89.0
≥ 900	65.8	75.7	77.1	78.0	79.1	79.5	80.3	80.9	80.9	81.6	81.9	81.9	82.7	83.4	86.1	89.4
≥ 800	65.8	75.8	77.2	78.1	79.2	79.6	80.4	81.0	81.1	81.8	82.6	82.6	83.3	84.1	86.9	90.1
≥ 700	65.8	75.8	77.3	78.3	79.5	79.8	80.6	81.2	81.3	82.2	82.9	82.9	83.7	84.4	87.2	90.4
≥ 600	65.8	75.9	77.5	78.5	80.0	80.3	81.3	81.9	82.0	83.0	83.9	83.9	84.8	85.6	88.6	91.8
≥ 500	66.1	76.2	77.8	78.8	80.3	80.8	81.7	82.4	82.5	83.7	84.6	84.6	86.3	87.5	90.6	94.0
≥ 400	66.1	76.2	77.8	78.9	80.8	81.2	82.3	82.9	83.0	84.2	85.2	85.2	86.9	88.2	92.2	95.7
≥ 300	66.1	76.2	77.8	78.9	80.8	81.2	82.3	82.9	83.0	84.3	85.5	85.5	87.2	88.6	93.1	98.5
≥ 200	66.1	76.2	77.8	78.9	80.8	81.2	82.3	82.9	83.0	84.3	85.5	85.5	87.4	88.8	94.0	99.9
≥ 100	66.1	76.2	77.8	78.9	80.8	81.2	82.3	82.9	83.0	84.3	85.5	85.5	87.4	88.8	94.0	99.9
≥ 0	66.2	76.3	78.0	79.0	80.9	81.3	82.4	83.0	83.1	84.4	85.6	85.6	87.5	88.9	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

94236
STATION

KINGSLEY FIELD CR
STATION NAME

67-70,73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	27.3	28.8	29.1	29.5	29.8	29.9	29.9	30.1	30.1	30.4	30.5	30.6	31.3	31.6	33.4	34.9
≥ 20000	27.3	32.2	32.5	32.8	33.1	33.2	33.2	33.4	33.4	33.8	33.9	34.0	34.7	35.1	36.9	38.4
≥ 18000	31.1	33.1	33.4	33.8	34.2	34.3	34.3	34.5	34.5	34.8	34.9	35.1	35.9	36.2	38.2	39.7
≥ 16000	31.2	33.2	33.5	33.9	34.3	34.4	34.4	34.6	34.6	34.9	35.1	35.2	36.0	36.3	38.3	39.8
≥ 14000	31.3	33.5	33.9	34.2	34.6	34.7	34.7	34.9	34.9	35.3	35.4	35.5	36.3	36.7	38.6	40.2
≥ 12000	32.2	34.2	34.5	34.8	35.3	35.4	35.4	35.6	35.6	35.9	36.7	36.1	37.0	37.3	39.2	40.9
≥ 10000	35.2	37.2	37.5	37.8	38.3	38.4	38.4	38.6	38.6	38.9	39.7	39.1	40.0	40.3	42.3	43.9
≥ 9000	35.9	38.1	38.4	38.7	39.1	39.2	39.2	39.5	39.5	39.8	39.9	40.0	40.9	41.2	43.1	44.7
≥ 8000	39.7	41.2	41.5	41.9	42.4	42.5	42.5	42.7	42.7	43.0	43.1	43.2	44.1	44.4	46.3	48.0
≥ 7000	41.2	43.4	43.8	44.2	44.6	44.7	44.7	44.9	44.9	45.3	45.4	45.5	46.3	46.7	48.6	51.2
≥ 6000	43.1	45.5	45.8	46.3	46.8	46.9	46.9	47.1	47.1	47.4	47.5	47.6	48.5	48.8	50.8	52.4
≥ 5000	45.3	47.8	48.2	48.7	49.1	49.2	49.4	49.6	49.6	49.9	50.0	50.2	51.1	51.4	53.4	55.1
≥ 4500	47.6	50.8	51.1	51.6	52.0	52.2	52.3	52.5	52.5	52.8	52.9	53.1	54.0	54.3	56.3	58.0
≥ 4000	52.4	55.9	56.2	56.9	57.3	57.6	57.7	58.0	58.0	58.5	58.6	58.8	59.9	60.2	62.4	64.0
≥ 3500	55.3	59.8	60.0	60.6	61.3	61.6	61.7	61.9	61.9	62.5	62.6	62.8	63.9	64.2	66.3	68.0
≥ 3000	58.7	63.2	63.8	64.5	65.4	65.7	65.8	66.1	66.1	66.7	66.9	67.1	68.3	68.6	70.9	72.5
≥ 2500	60.6	66.8	67.3	68.2	69.1	69.6	69.7	70.0	70.0	70.5	70.8	71.0	72.2	72.5	74.7	76.3
≥ 2000	63.3	70.3	71.2	72.3	73.4	74.1	74.2	74.6	74.6	75.2	75.4	75.6	76.8	77.1	79.4	81.0
≥ 1800	63.5	70.8	71.7	72.8	74.1	74.7	74.8	75.3	75.3	75.8	76.0	76.2	77.4	77.7	80.0	81.6
≥ 1500	64.4	72.3	73.3	74.6	76.0	76.7	77.0	77.5	77.5	78.1	78.3	78.5	79.7	80.0	82.3	83.9
≥ 1200	64.9	73.3	74.3	75.8	77.2	77.8	78.2	78.8	78.8	79.6	79.9	80.2	81.4	81.7	84.0	85.6
≥ 1000	65.4	73.7	75.2	76.7	78.2	78.9	79.2	80.1	80.1	81.0	81.5	81.8	83.2	83.5	85.9	87.5
≥ 900	65.4	73.7	75.3	76.9	78.4	79.2	79.6	80.4	80.4	81.3	81.8	82.2	83.5	83.9	86.3	88.0
≥ 800	65.4	73.7	75.3	76.9	78.4	79.2	79.7	80.5	80.5	81.4	81.9	82.3	83.7	84.0	86.5	88.1
≥ 700	65.4	73.7	75.3	77.0	78.5	79.4	79.8	80.8	80.8	81.6	82.2	82.5	84.0	84.3	86.9	88.5
≥ 600	65.6	73.9	75.5	77.2	78.7	79.7	80.2	81.2	81.2	82.2	82.8	83.3	84.9	85.3	88.2	90.0
≥ 500	65.7	74.1	76.0	77.7	79.4	80.3	80.9	81.9	81.9	83.1	84.0	84.6	86.7	87.2	91.0	93.2
≥ 400	65.8	74.2	76.1	78.0	79.6	80.5	81.2	82.4	82.4	83.7	84.5	85.2	87.2	87.8	92.0	94.6
≥ 300	65.8	74.2	76.1	78.0	79.7	80.6	81.4	82.7	82.8	84.3	85.1	85.7	88.0	88.9	94.1	98.2
≥ 200	65.8	74.2	76.1	78.0	79.7	80.6	81.4	82.7	82.8	84.3	85.2	85.8	88.5	89.6	95.4	99.8
≥ 100	65.8	74.2	76.1	78.0	79.7	80.6	81.4	82.7	82.8	84.3	85.2	85.9	88.6	89.7	95.6	100.0
≥ 0	65.8	74.2	76.1	78.0	79.7	80.6	81.4	82.7	82.8	84.3	85.2	85.9	88.6	89.7	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 939

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

54276
STATION

KINGSLEY FIELD OR
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	27.8	28.9	29.1	29.1	29.4	29.6	29.9	30.0	30.0	30.1	30.3	30.4	30.5	30.6	31.5	32.0
≥ 20000	30.3	31.4	31.6	31.7	31.9	32.2	32.5	32.7	32.7	32.8	33.0	33.1	33.2	33.3	34.3	34.6
≥ 18000	31.9	33.0	33.2	33.3	33.5	33.8	34.1	34.3	34.3	34.4	34.6	34.7	34.8	34.9	35.9	36.5
≥ 16000	32.2	33.2	33.4	33.5	33.8	34.0	34.3	34.5	34.5	34.6	34.8	34.9	35.1	35.2	36.1	36.7
≥ 14000	32.9	34.0	34.2	34.3	34.5	34.7	35.1	35.3	35.3	35.4	35.6	35.8	35.9	36.0	37.0	37.5
≥ 12000	35.4	36.7	37.0	37.1	37.3	37.5	37.8	38.1	38.1	38.2	38.4	38.6	38.7	38.8	39.8	40.3
≥ 10000	39.2	40.5	40.9	41.1	41.3	41.5	41.8	42.0	42.0	42.2	42.4	42.6	42.7	42.8	43.8	44.3
≥ 9000	40.2	41.5	41.9	42.0	42.4	42.6	42.9	43.1	43.1	43.2	43.4	43.7	43.8	43.9	44.8	45.4
≥ 8000	42.7	44.0	44.3	44.6	44.9	45.2	45.6	45.8	45.8	45.9	46.1	46.3	46.6	46.7	47.6	48.2
≥ 7000	44.8	46.2	46.7	47.0	47.3	47.6	48.1	48.3	48.3	48.4	48.6	48.8	49.0	49.1	50.1	50.6
≥ 6000	46.1	47.5	48.0	48.3	48.6	48.9	49.4	49.6	49.6	49.7	49.9	50.1	50.3	50.4	51.4	51.9
≥ 5000	48.7	49.4	49.8	50.1	50.4	50.8	51.2	51.4	51.4	51.5	51.7	51.9	52.2	52.3	53.2	53.6
≥ 4500	50.0	51.6	52.1	52.4	52.7	53.0	53.4	53.7	53.7	53.8	54.0	54.2	54.4	54.5	55.5	56.0
≥ 4000	54.3	56.5	57.0	57.3	57.7	58.2	58.6	58.8	58.8	58.9	59.1	59.4	59.6	59.7	60.6	61.2
≥ 3500	58.6	60.8	61.6	62.0	62.5	62.9	63.7	63.9	63.9	64.0	64.2	64.4	64.6	64.7	65.7	66.2
≥ 3000	64.0	66.2	67.1	67.5	68.2	68.6	69.4	69.6	69.6	69.7	69.9	70.1	70.3	70.4	71.4	71.9
≥ 2500	65.8	68.8	69.7	70.1	71.0	71.4	72.3	72.5	72.5	72.8	73.0	73.2	73.4	73.5	74.5	75.1
≥ 2000	69.7	73.0	74.3	74.8	76.2	76.7	77.5	77.7	77.7	78.1	78.3	78.5	78.7	78.8	79.8	80.3
≥ 1800	69.4	73.3	74.6	75.2	76.6	77.0	77.8	78.1	78.1	78.4	78.6	78.8	79.0	79.1	80.1	80.6
≥ 1500	70.2	74.2	75.9	76.6	78.3	78.7	79.9	80.1	80.1	80.5	80.8	81.0	81.2	81.3	82.3	82.8
≥ 1200	71.2	75.4	77.6	78.5	80.4	80.9	82.2	82.6	82.6	83.1	83.3	83.5	83.8	83.9	84.8	85.4
≥ 1000	71.7	76.2	78.5	79.5	81.5	81.9	83.3	83.9	83.9	84.5	84.7	84.9	85.2	85.3	86.2	86.8
≥ 900	71.9	76.5	78.8	79.8	81.9	82.4	83.9	84.5	84.5	85.2	85.4	85.6	85.8	85.9	86.9	87.4
≥ 800	71.9	76.6	79.0	80.1	82.4	82.8	84.3	84.9	84.9	85.7	85.9	86.1	86.3	86.5	87.4	88.0
≥ 700	72.2	76.8	79.4	80.4	82.8	83.3	84.9	85.6	85.7	86.6	86.8	87.1	87.3	87.4	88.4	88.9
≥ 600	72.2	76.8	79.4	80.4	82.9	83.4	85.2	85.8	85.9	87.1	87.7	88.1	88.4	88.5	89.8	90.3
≥ 500	72.3	76.9	79.5	80.6	83.1	83.7	85.5	86.6	86.8	88.0	88.9	89.2	89.7	90.0	92.5	93.5
≥ 400	72.3	76.9	79.5	80.6	83.3	83.9	85.7	87.1	87.4	88.9	90.0	90.4	91.1	91.7	94.4	96.0
≥ 300	72.3	76.9	79.6	80.8	83.8	84.4	86.2	87.6	88.0	89.5	90.6	91.2	91.8	92.6	96.7	99.2
≥ 200	72.3	76.9	79.6	80.8	83.8	84.4	86.2	87.6	88.0	89.5	90.6	91.2	91.8	92.6	96.9	99.9
≥ 100	72.3	76.9	79.6	80.8	83.8	84.4	86.2	87.6	88.0	89.5	90.6	91.2	91.8	92.6	96.9	100.0
≥ 0	72.3	76.9	79.6	80.8	83.8	84.4	86.2	87.6	88.0	89.5	90.6	91.2	91.8	92.6	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

64235
STATION

KINGSLEY FIELD OR
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	32.3	33.1	33.1	33.3	33.5	33.5	33.5	33.5	33.5	33.8	33.8	33.8	33.9	33.9	34.7	34.0
≥ 20000	37.3	38.2	38.2	38.4	38.7	38.7	38.7	38.7	38.7	38.9	38.9	38.9	39.0	39.0	39.1	39.1
≥ 18000	39.8	40.8	40.8	40.9	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.5	41.5	41.6	41.6
≥ 16000	40.5	40.9	40.9	41.1	41.4	41.4	41.4	41.4	41.4	41.6	41.6	41.6	41.7	41.7	41.8	41.8
≥ 14000	41.2	42.0	42.0	42.3	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.9	42.9	43.0	43.0
≥ 12000	42.9	43.9	43.9	44.1	44.4	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.7	44.7	44.8	44.8
≥ 10000	46.0	47.1	47.1	47.3	47.6	47.6	47.6	47.6	47.6	47.8	47.8	47.8	48.0	48.0	48.1	48.1
≥ 9000	47.0	48.1	48.1	48.4	48.7	48.7	48.7	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.1	49.1
≥ 8000	49.6	50.9	51.0	51.3	51.7	51.7	51.8	51.8	51.8	52.0	52.0	52.0	52.2	52.2	52.3	52.3
≥ 7000	51.1	52.5	52.6	53.0	53.4	53.4	53.5	53.5	53.5	53.8	53.8	53.8	53.9	53.9	54.0	54.0
≥ 6000	52.4	53.8	53.9	54.3	54.7	54.7	54.8	54.8	54.8	55.1	55.1	55.1	55.2	55.2	55.3	55.3
≥ 5000	53.4	54.9	55.2	55.6	56.2	56.2	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.8	56.8
≥ 4500	55.5	57.4	57.6	58.5	58.9	59.0	59.1	59.1	59.1	59.4	59.4	59.4	59.5	59.5	59.6	59.6
≥ 4000	58.7	60.8	61.1	61.9	62.4	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.9	62.9	63.0	63.0
≥ 3500	62.9	65.3	65.6	66.6	67.0	67.1	67.2	67.2	67.3	67.5	67.5	67.5	67.6	67.6	67.7	67.7
≥ 3000	69.4	72.4	72.7	73.7	74.2	74.3	74.4	74.6	74.7	75.1	75.1	75.1	75.2	75.2	75.3	75.3
≥ 2500	71.8	75.3	75.7	76.8	77.3	77.5	77.6	78.0	78.1	78.4	78.4	78.4	78.5	78.5	78.6	78.6
≥ 2000	76.1	80.0	80.5	81.6	82.2	82.5	82.6	83.2	83.3	83.7	83.7	83.7	83.8	83.8	83.9	83.9
≥ 1800	76.2	80.1	80.6	81.7	82.3	82.6	82.7	83.3	83.4	83.8	83.8	83.8	83.9	83.9	84.1	84.1
≥ 1500	77.3	81.6	82.2	83.2	84.0	84.4	84.5	85.3	85.4	85.8	85.8	85.8	86.0	86.0	86.1	86.1
≥ 1200	77.5	81.9	82.9	84.0	84.8	85.3	85.5	86.2	86.3	86.9	86.9	86.9	87.1	87.1	87.2	87.2
≥ 1000	78.0	82.5	83.4	84.5	85.9	86.3	86.6	87.6	87.7	88.4	88.4	88.4	88.8	88.8	88.9	88.9
≥ 900	78.0	82.5	83.4	84.5	86.1	86.6	86.8	88.2	88.4	89.0	89.0	89.0	89.5	89.5	89.6	89.6
≥ 800	78.0	82.6	83.5	84.7	86.3	86.8	87.0	88.6	88.8	89.6	89.6	89.6	90.0	90.0	90.1	90.1
≥ 700	78.4	83.0	84.0	85.2	86.9	87.3	87.5	89.2	89.6	90.4	90.4	90.8	91.2	91.2	91.3	91.3
≥ 600	78.4	83.1	84.3	85.5	87.3	87.7	88.0	89.7	90.0	91.3	91.3	91.7	92.2	92.2	92.5	92.5
≥ 500	78.4	83.4	84.7	86.1	88.4	88.8	89.4	91.2	91.5	92.9	93.1	93.5	94.1	94.1	94.5	94.7
≥ 400	78.4	83.4	84.8	86.5	89.1	89.6	90.1	92.4	92.7	94.2	94.4	95.1	95.9	95.9	96.7	96.9
≥ 300	78.4	83.4	84.8	86.5	89.1	89.6	90.3	93.1	93.4	95.1	95.3	96.0	97.0	97.0	98.8	99.2
≥ 200	78.4	83.4	84.8	86.5	89.1	89.6	90.4	93.3	93.7	95.3	95.5	96.2	97.3	97.3	99.6	100.0
≥ 100	78.4	83.4	84.8	86.5	89.1	89.6	90.4	93.3	93.7	95.3	95.5	96.2	97.3	97.3	99.6	100.0
≥ 0	78.4	83.4	84.8	86.5	89.1	89.6	90.4	93.3	93.7	95.3	95.5	96.2	97.3	97.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24236
STATION

KINGSLEY FIELD OR
STATION NAME

67-70,73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	37.5	38.3	38.3	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6
≥ 20000	41.9	42.9	42.8	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3
≥ 18000	44.9	45.8	45.8	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3
≥ 16000	44.9	45.8	45.8	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3
≥ 14000	45.3	46.7	46.7	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2
≥ 12000	49.4	50.6	50.6	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2
≥ 10000	52.6	54.0	54.0	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5
≥ 9000	53.3	55.2	55.2	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
≥ 8000	56.7	58.3	58.3	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8
≥ 7000	58.8	60.9	60.9	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
≥ 6000	61.3	63.1	63.1	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8
≥ 5000	62.6	65.0	65.0	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
≥ 4500	65.1	67.6	67.6	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
≥ 4000	67.7	70.5	70.5	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3
≥ 3500	70.6	73.5	73.5	73.8	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4
≥ 3000	75.4	76.4	76.6	76.9	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5
≥ 2500	77.2	80.8	81.0	81.6	81.8	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3
≥ 2000	85.2	84.7	85.1	85.7	86.0	86.2	86.9	87.1	87.1	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 1800	88.4	85.1	85.5	86.1	86.4	86.6	87.3	87.5	87.5	87.8	87.8	87.8	87.8	87.9	87.9	87.9
≥ 1500	81.4	86.0	86.4	87.1	87.5	87.7	88.4	88.7	88.7	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 1200	81.9	87.0	87.4	88.1	88.7	88.9	89.7	90.1	90.1	90.6	90.6	90.6	90.6	90.7	90.8	90.8
≥ 1000	81.3	87.2	87.6	88.4	88.9	89.1	89.9	90.4	90.4	90.8	90.8	90.8	90.8	91.1	91.2	91.2
≥ 900	82.1	87.4	87.8	88.6	89.1	89.3	90.1	90.6	90.6	91.2	91.3	91.5	91.7	91.7	91.7	91.7
≥ 800	82.1	87.4	87.8	88.6	89.1	89.3	90.1	90.8	90.8	91.5	91.6	92.0	92.2	92.2	92.2	92.2
≥ 700	82.1	87.6	88.0	88.8	89.3	89.5	90.4	91.2	91.2	91.9	92.2	92.8	93.0	93.1	93.1	93.1
≥ 600	82.1	87.7	88.1	89.0	89.5	89.8	90.6	91.4	91.4	92.2	92.6	93.1	93.3	93.4	93.4	93.5
≥ 500	82.1	87.7	88.3	89.1	89.7	89.9	90.8	91.3	91.6	92.5	92.8	93.3	93.5	93.6	93.6	93.9
≥ 400	82.1	87.7	88.4	89.2	90.1	90.3	91.4	92.1	92.1	93.1	93.5	94.2	94.4	94.6	94.8	95.2
≥ 300	82.1	87.7	88.4	89.2	90.2	90.5	91.7	92.6	92.7	93.9	94.6	95.3	95.5	95.8	96.2	97.5
≥ 200	82.1	87.7	88.4	89.2	90.2	90.5	91.8	92.7	92.8	94.0	94.7	95.5	95.8	96.2	97.0	99.6
≥ 100	82.1	87.7	88.4	89.2	90.2	90.5	91.8	92.7	92.8	94.0	94.7	95.5	95.8	96.2	97.0	100.0
≥ 0	82.1	87.7	88.4	89.2	90.2	90.5	91.8	92.7	92.8	94.0	94.7	95.5	95.8	96.2	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 42226 KINGSLEY FIELD OR

67-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LT)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.0
NO CEILING	37.3	39.5	39.7	40.0	40.2	40.2	40.3	40.5	40.5	40.7	40.7	40.7	41.0	41.0	41.4	42.1
≥ 20000	39.8	42.3	42.5	42.8	43.0	43.0	43.1	43.3	43.3	43.5	43.5	43.5	43.8	43.8	44.2	44.9
≥ 18000	41.6	44.3	44.6	45.3	45.2	45.2	45.3	45.4	45.4	45.6	45.6	45.6	46.0	46.0	46.4	47.0
≥ 16000	41.6	44.3	44.6	45.0	45.2	45.2	45.3	45.4	45.4	45.6	45.6	45.6	46.0	46.0	46.4	47.0
≥ 14000	42.1	44.8	45.1	45.4	45.6	45.6	45.7	45.8	45.8	46.1	46.1	46.1	46.4	46.4	46.8	47.5
≥ 12000	43.1	46.0	46.2	46.6	46.9	46.9	47.1	47.1	47.1	47.4	47.4	47.4	47.7	47.7	48.1	48.8
≥ 10000	47.2	50.2	50.4	50.8	51.1	51.1	51.2	51.3	51.3	51.6	51.6	51.6	51.9	51.9	52.3	53.0
≥ 9000	47.5	50.4	50.6	51.0	51.3	51.3	51.5	51.6	51.6	51.8	51.8	51.8	52.1	52.1	52.5	53.2
≥ 8000	51.2	54.3	54.4	54.8	55.1	55.1	55.2	55.3	55.3	55.6	55.6	55.6	55.9	55.9	56.3	57.0
≥ 7000	53.4	56.5	56.9	57.3	57.6	57.6	57.7	57.8	57.8	58.0	58.0	58.0	58.4	58.4	58.8	59.4
≥ 6000	55.0	58.4	58.7	59.1	59.4	59.4	59.5	59.7	59.7	59.9	59.9	59.9	60.2	60.2	60.6	61.3
≥ 5000	57.6	61.5	61.8	62.2	62.6	62.6	62.7	62.8	62.8	63.0	63.0	63.0	63.3	63.3	63.8	64.4
≥ 4500	60.5	64.7	65.1	65.5	65.8	65.8	65.9	66.0	66.0	66.2	66.2	66.2	66.6	66.6	67.1	67.7
≥ 4000	63.5	68.6	69.0	69.5	69.8	69.8	69.9	70.0	70.0	70.2	70.2	70.2	70.6	70.6	71.1	71.7
≥ 3500	67.5	72.7	73.4	73.8	74.2	74.2	74.3	74.4	74.4	74.6	74.6	74.6	75.0	75.0	75.5	76.2
≥ 3000	70.8	76.6	77.2	77.7	78.1	78.1	78.2	78.3	78.3	78.5	78.5	78.5	78.9	78.9	79.4	80.0
≥ 2500	72.2	78.3	79.1	79.7	80.2	80.2	80.3	80.4	80.4	80.6	80.6	80.6	80.9	80.9	81.4	82.1
≥ 2000	75.0	81.9	82.7	83.6	84.6	84.7	85.0	85.1	85.2	85.5	85.5	85.5	85.9	85.9	86.4	87.1
≥ 1800	75.5	82.4	83.3	84.1	85.1	85.2	85.5	85.7	85.8	86.2	86.2	86.2	86.5	86.5	87.1	87.7
≥ 1500	75.8	83.2	84.1	84.9	86.0	86.2	86.6	86.7	86.8	87.3	87.3	87.3	87.6	87.6	88.1	88.8
≥ 1200	76.3	83.8	84.7	85.6	86.8	87.2	87.7	87.8	87.9	88.3	88.3	88.5	88.9	88.9	89.4	90.1
≥ 1000	76.6	84.3	85.1	86.2	87.3	87.7	88.2	88.5	88.6	89.1	89.1	89.2	89.6	89.6	90.2	90.8
≥ 900	76.6	84.3	85.1	86.3	87.4	87.8	88.3	88.6	88.7	89.2	89.2	89.3	89.8	89.8	90.3	90.9
≥ 800	76.6	84.4	85.2	86.4	87.5	87.9	88.5	88.7	88.8	89.4	89.5	89.6	90.1	90.1	90.6	91.3
≥ 700	76.7	84.7	85.7	86.8	87.9	88.3	88.9	89.1	89.3	90.1	90.2	90.3	90.7	90.7	91.3	91.9
≥ 600	76.8	84.9	85.9	87.1	88.3	88.6	89.3	89.5	90.0	90.0	90.9	91.2	91.3	91.7	92.2	92.9
≥ 500	76.8	85.2	86.2	87.5	88.8	89.2	89.8	90.0	90.4	91.4	91.6	91.7	92.1	92.3	92.9	93.5
≥ 400	76.8	85.2	86.2	87.6	88.9	89.3	89.9	90.1	90.5	91.5	91.7	91.8	92.2	92.6	93.5	94.3
≥ 300	76.8	85.2	86.2	87.6	88.9	89.3	89.9	90.1	90.6	91.6	91.9	92.0	92.8	93.2	94.6	96.1
≥ 200	76.8	85.2	86.2	87.6	88.9	89.3	89.9	90.1	90.6	91.6	91.9	92.0	92.9	93.5	95.9	99.2
≥ 100	76.8	85.2	86.2	87.6	88.9	89.3	89.9	90.1	90.6	91.6	91.9	92.0	92.9	93.5	96.0	100.0
≥ 0	76.8	85.2	86.2	87.6	88.9	89.3	89.9	90.1	90.6	91.6	91.9	92.0	92.9	93.5	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

44236
STATION

KINGSLEY FIELD OR
STATION NAME

67-72,73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UTC

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	37.5	41.7	42.4	43.3	43.3	43.3	43.4	43.6	43.6	43.9	44.3	44.0	44.2	44.3	45.5	47.1
≥ 20000	40.0	44.4	45.1	45.7	46.0	46.3	46.1	46.3	46.3	46.7	46.8	46.8	47.1	47.2	48.4	50.2
≥ 18000	41.6	46.1	46.7	47.4	47.6	47.6	47.7	47.9	47.9	48.3	48.4	48.4	48.8	48.9	50.1	51.8
≥ 16000	41.9	46.3	46.9	47.6	47.8	47.8	47.9	48.1	48.1	48.5	48.7	48.7	49.0	49.1	50.3	52.0
≥ 14000	42.3	46.7	47.4	48.0	48.2	48.2	48.3	48.5	48.5	49.0	49.1	49.1	49.4	49.5	50.7	52.4
≥ 12000	42.9	47.4	48.0	48.7	48.9	48.9	49.0	49.2	49.2	49.6	49.7	49.7	50.1	50.2	51.3	53.1
≥ 10000	45.1	50.6	51.2	51.9	52.1	52.1	52.2	52.4	52.4	52.9	53.0	53.0	53.3	53.4	54.6	56.3
≥ 9000	46.4	50.9	51.6	52.2	52.4	52.4	52.5	52.8	52.8	53.2	53.3	53.3	53.6	53.7	54.9	56.6
≥ 8000	50.3	55.1	56.0	56.6	56.9	56.9	57.0	57.2	57.2	57.6	57.7	57.7	58.0	58.1	59.3	61.1
≥ 7000	51.3	56.6	57.6	58.3	58.5	58.5	58.6	58.8	58.8	59.2	59.3	59.3	59.7	59.8	60.9	62.7
≥ 6000	53.6	58.6	59.5	60.2	60.4	60.4	60.5	60.7	60.7	61.2	61.3	61.3	61.6	61.7	62.9	64.6
≥ 5000	55.3	61.3	62.2	63.0	63.3	63.3	63.4	63.6	63.6	64.1	64.2	64.2	64.5	64.6	65.8	67.6
≥ 4500	58.0	64.0	64.9	65.8	66.1	66.1	66.2	66.5	66.5	66.9	67.0	67.0	67.3	67.4	68.6	70.4
≥ 4000	61.2	67.3	68.5	69.5	69.8	69.9	70.0	70.2	70.2	70.7	70.8	70.8	71.1	71.2	72.5	74.5
≥ 3500	63.8	70.2	71.6	72.4	72.7	72.8	72.9	73.1	73.1	73.6	73.7	73.7	74.0	74.1	75.4	77.5
≥ 3000	68.8	75.8	77.0	78.0	78.3	78.4	78.5	78.7	78.7	79.2	79.3	79.3	79.6	79.7	81.1	83.2
≥ 2500	70.3	77.5	78.6	79.6	79.9	80.0	80.2	80.4	80.4	80.8	80.9	80.9	81.2	81.3	82.7	84.8
≥ 2000	72.0	79.8	81.2	82.4	82.6	83.0	83.1	83.3	83.3	83.7	83.8	83.8	84.1	84.3	85.7	87.7
≥ 1800	72.6	80.5	81.9	83.2	83.6	83.7	83.8	84.0	84.0	84.5	84.6	84.6	84.9	85.0	86.4	88.5
≥ 1500	72.8	80.7	82.2	83.6	84.1	84.3	84.4	84.6	84.6	85.0	85.1	85.1	85.4	85.5	86.9	89.1
≥ 1200	72.9	81.3	82.8	84.4	84.9	85.2	85.3	85.5	85.5	86.0	86.1	86.1	86.4	86.5	87.9	90.1
≥ 1000	73.0	81.4	83.0	84.5	85.0	85.3	85.4	85.9	85.9	86.3	86.4	86.4	86.7	86.8	88.2	90.4
≥ 900	73.0	81.4	83.0	84.6	85.1	85.4	85.5	86.0	86.0	86.4	86.5	86.5	86.8	86.9	88.3	90.5
≥ 800	73.0	81.4	83.0	84.6	85.1	85.4	85.5	86.1	86.1	86.4	86.5	86.5	86.8	86.9	88.3	90.5
≥ 700	73.4	81.8	83.3	84.9	85.4	85.8	86.0	86.5	86.5	87.0	87.1	87.1	87.4	87.5	88.9	91.7
≥ 600	73.6	82.2	83.7	85.3	86.1	86.4	86.6	87.2	87.5	88.1	88.3	88.3	88.7	88.8	90.3	92.4
≥ 500	73.6	82.5	84.0	85.8	86.5	86.8	87.1	87.6	87.9	88.7	89.0	89.0	89.3	89.4	91.3	93.4
≥ 400	73.6	82.5	84.0	85.8	86.5	86.8	87.1	87.6	87.9	88.7	89.0	89.0	89.4	89.5	92.2	94.7
≥ 300	73.6	82.5	84.0	85.8	86.5	86.8	87.1	87.6	87.9	88.9	89.2	89.4	90.1	90.5	93.5	96.9
≥ 200	73.6	82.5	84.0	85.8	86.5	86.8	87.1	87.6	87.9	89.0	89.3	89.5	90.5	91.4	95.0	99.2
≥ 100	73.6	82.5	84.0	85.8	86.5	86.8	87.1	87.6	87.9	89.0	89.3	89.5	90.5	91.4	95.1	99.8
≥ 0	73.6	82.5	84.0	85.8	86.5	86.8	87.1	87.6	87.9	89.0	89.3	89.5	90.5	91.4	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

54236 KINGSLEY FIELD OR

67-70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (15)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	32.9	35.1	35.5	35.8	36.0	36.1	36.2	36.3	36.3	36.5	36.6	36.7	37.0	37.1	38.1	39.4
≥ 20000	36.3	38.5	39.0	39.3	39.6	39.7	39.8	39.9	39.9	40.1	40.2	40.3	40.6	40.8	41.8	43.1
≥ 18000	37.8	40.2	40.6	40.9	41.2	41.3	41.4	41.6	41.6	41.8	41.9	42.0	42.3	42.5	43.5	44.9
≥ 16000	38.1	40.3	40.8	41.1	41.4	41.5	41.6	41.8	41.8	42.0	42.1	42.1	42.5	42.7	43.7	45.1
≥ 14000	39.3	40.9	41.3	41.6	41.9	42.0	42.1	42.3	42.3	42.5	42.6	42.7	43.0	43.2	44.2	45.6
≥ 12000	40.0	42.5	42.9	43.3	43.6	43.6	43.8	43.9	43.9	44.1	44.2	44.3	44.7	44.8	45.9	47.3
≥ 10000	43.0	45.6	46.1	46.4	46.7	46.8	46.9	47.0	47.0	47.3	47.3	47.4	47.8	48.0	49.0	50.4
≥ 9000	43.7	46.2	46.7	47.1	47.4	47.5	47.6	47.7	47.7	48.0	48.0	48.1	48.5	48.6	49.7	51.1
≥ 8000	45.6	49.4	49.9	50.3	50.7	50.7	50.9	51.0	51.0	51.3	51.3	51.4	51.8	52.0	53.0	54.4
≥ 7000	46.8	51.8	52.4	52.8	53.1	53.2	53.4	53.5	53.5	53.8	53.8	53.9	54.3	54.5	55.5	56.9
≥ 6000	50.7	53.9	54.5	55.0	55.3	55.4	55.5	55.7	55.7	55.9	56.0	56.1	56.4	56.5	57.7	59.0
≥ 5000	52.8	56.2	56.8	57.3	57.7	57.8	58.0	58.1	58.1	58.4	58.4	58.5	58.9	59.1	60.2	61.5
≥ 4500	55.2	58.9	59.5	60.1	60.5	60.6	60.7	60.9	60.9	61.1	61.2	61.3	61.7	61.9	62.9	64.3
≥ 4000	58.7	62.8	63.5	64.1	64.4	64.6	64.8	64.9	64.9	65.2	65.3	65.4	65.8	66.0	67.1	68.5
≥ 3500	62.0	66.7	67.4	68.0	68.4	68.6	68.8	69.0	69.0	69.3	69.4	69.5	69.9	70.1	71.2	72.6
≥ 3000	66.4	71.5	72.3	72.9	73.5	73.6	73.9	74.0	74.1	74.4	74.5	74.6	75.1	75.2	76.4	77.8
≥ 2500	68.3	74.0	74.8	75.6	76.2	76.4	76.6	76.8	76.8	77.3	77.4	77.4	77.9	78.0	79.2	80.6
≥ 2000	70.9	77.5	78.6	79.4	80.2	80.5	80.9	81.1	81.2	81.6	81.7	81.8	82.3	82.4	83.6	85.0
≥ 1800	71.2	77.9	79.0	79.9	80.7	80.9	81.3	81.6	81.6	82.1	82.2	82.3	82.7	82.9	84.0	85.5
≥ 1500	71.9	78.8	80.0	81.0	82.0	82.3	82.7	83.0	83.1	83.6	83.7	83.8	84.3	84.4	85.6	87.1
≥ 1200	72.3	79.5	80.9	81.9	83.0	83.3	83.8	84.2	84.3	84.9	85.0	85.2	85.6	85.8	87.0	88.4
≥ 1000	72.6	79.9	81.3	82.4	83.5	83.9	84.5	85.1	85.1	85.8	86.0	86.1	86.7	86.8	88.0	89.5
≥ 900	72.8	80.0	81.4	82.5	83.7	84.1	84.7	85.4	85.4	86.1	86.3	86.5	87.0	87.2	88.4	89.9
≥ 800	72.6	80.0	81.5	82.6	83.8	84.2	84.9	85.6	85.7	86.4	86.7	86.9	87.5	87.6	88.9	90.3
≥ 700	72.8	80.2	81.7	82.9	84.1	84.6	85.3	86.0	86.2	87.3	87.3	87.5	88.1	88.3	89.6	91.0
≥ 600	72.9	80.4	82.0	83.2	84.5	84.9	85.7	86.5	86.6	87.6	87.6	88.0	88.3	89.0	90.6	92.1
≥ 500	72.9	80.6	82.3	83.5	84.9	85.4	86.2	87.1	87.3	88.3	88.3	88.9	89.2	90.0	92.1	93.8
≥ 400	73.0	80.6	82.3	83.7	85.2	85.7	86.6	87.6	87.8	88.9	89.5	89.9	90.8	91.2	93.5	95.4
≥ 300	73.0	80.6	82.3	83.7	85.3	85.8	86.7	87.8	88.1	89.3	90.0	90.4	91.5	92.1	95.1	98.0
≥ 200	73.0	80.6	82.3	83.7	85.3	85.8	86.8	87.8	88.1	89.4	90.1	90.5	91.8	92.5	96.0	99.7
≥ 100	73.0	80.6	82.3	83.7	85.3	85.8	86.8	87.8	88.1	89.4	90.1	90.5	91.8	92.5	96.1	99.9
≥ 0	73.0	80.6	82.3	83.7	85.3	85.8	86.8	87.8	88.1	89.4	90.1	90.5	91.8	92.5	96.1	99.9

TOTAL NUMBER OF OBSERVATIONS 7432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94236 KINGSLEY FIELD OR

67-70, 73-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ 0
NO CEILING	59.3	50.1	62.2	50.3	60.5	63.5	50.6	60.6	62.7	61.7	60.8	60.8	62.9	61.5	61.2	61.6
≥ 20000	63.4	64.4	64.6	64.8	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.4	65.5	65.8	66.2
≥ 18000	65.4	66.3	66.6	66.8	67.0	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.5	67.8	68.2
≥ 16000	65.4	66.5	66.7	66.9	67.1	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.9	68.3
≥ 14000	65.9	67.3	67.2	67.4	67.6	67.6	67.7	67.8	67.8	67.9	67.9	68.0	68.1	68.1	68.4	68.8
≥ 12000	66.9	68.0	68.2	68.4	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.2	69.5	69.9
≥ 10000	69.3	70.6	70.8	71.0	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.8	71.8	72.1	72.5
≥ 9000	70.3	71.1	71.4	71.6	71.8	71.9	72.0	72.0	72.0	72.1	72.2	72.2	72.3	72.4	72.7	73.1
≥ 8000	72.3	73.4	73.4	74.1	74.3	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.9	74.9	75.2	75.6
≥ 7000	73.3	75.1	75.4	75.6	75.8	75.9	76.0	76.0	76.0	76.1	76.2	76.2	76.3	76.4	76.7	77.1
≥ 6000	75.1	76.4	76.7	76.9	77.2	77.2	77.3	77.4	77.4	77.5	77.6	77.6	77.7	77.8	78.1	78.5
≥ 5000	76.8	78.2	78.4	78.7	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.4	79.5	79.5	79.9	80.3
≥ 4500	78.4	79.9	80.2	80.4	80.7	80.8	80.9	80.9	81.0	81.1	81.1	81.2	81.3	81.6	82.0	
≥ 4000	81.9	83.5	83.8	84.0	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.9	85.0	85.3	85.7
≥ 3500	84.9	86.6	87.1	87.2	87.5	87.6	87.7	87.8	87.8	87.9	88.0	88.0	88.1	88.2	88.5	88.9
≥ 3000	87.7	89.8	90.2	90.5	90.8	90.9	91.0	91.1	91.1	91.2	91.3	91.3	91.5	91.5	91.9	92.3
≥ 2500	88.8	91.1	91.6	91.9	92.3	92.3	92.5	92.5	92.6	92.7	92.8	92.8	93.0	93.0	93.4	93.8
≥ 2000	90.3	92.8	93.4	93.8	94.2	94.3	94.5	94.6	94.6	94.8	94.8	94.9	95.0	95.1	95.4	95.8
≥ 1800	90.3	93.0	93.4	94.0	94.4	94.5	94.7	94.8	94.9	95.0	95.1	95.1	95.3	95.3	95.7	96.1
≥ 1500	90.6	93.5	94.1	94.6	95.1	95.2	95.4	95.6	95.6	95.8	95.9	95.9	96.1	96.1	96.5	96.9
≥ 1200	90.8	93.8	94.5	95.0	95.5	95.6	95.9	96.1	96.1	96.3	96.4	96.5	96.6	96.7	97.0	97.5
≥ 1000	90.9	94.0	94.6	95.2	95.7	95.8	96.1	96.4	96.4	96.7	96.8	96.8	97.0	97.1	97.4	97.9
≥ 900	90.9	94.1	94.8	95.2	95.8	95.9	96.2	96.4	96.5	96.7	96.9	96.9	97.1	97.2	97.5	98.0
≥ 800	90.9	94.1	94.7	95.3	95.9	96.0	96.3	96.6	96.7	96.9	97.1	97.1	97.3	97.4	97.7	98.2
≥ 700	90.9	94.1	94.8	95.4	95.9	96.1	96.4	96.7	96.8	97.1	97.2	97.3	97.5	97.6	97.9	98.3
≥ 600	91.0	94.1	94.8	95.4	96.1	96.2	96.5	96.8	96.9	97.2	97.4	97.5	97.7	97.8	98.1	98.6
≥ 500	91.0	94.1	94.9	95.5	96.1	96.3	96.6	96.9	97.0	97.4	97.5	97.6	97.9	98.0	98.4	98.9
≥ 400	91.0	94.2	94.9	95.5	96.2	96.3	96.7	97.0	97.1	97.5	97.7	97.7	98.0	98.1	98.6	99.1
≥ 300	91.0	94.2	94.9	95.5	96.2	96.3	96.7	97.1	97.2	97.6	97.8	97.9	98.2	98.3	98.9	99.5
≥ 200	91.0	94.2	94.9	95.6	96.2	96.4	96.8	97.1	97.2	97.6	97.8	97.9	98.2	98.4	99.1	99.9
≥ 100	91.0	94.2	94.9	95.6	96.2	96.4	96.8	97.1	97.2	97.6	97.8	97.9	98.2	98.4	99.1	100.0
0	91.0	94.2	94.9	95.6	96.2	96.4	96.8	97.1	97.2	97.6	97.8	97.9	98.2	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 87589

TOTAL SKY COVER .

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE
DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY
SIGNIFICANT.

SKY COVER

JAN

ACAC

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	17.6			18.6						20.6	43.2	6.7	875
	03-05	16.9			18.8						21.7	42.6	6.8	884
	06-08	11.2			18.0						23.2	47.6	7.4	893
	09-11	6.9			19.4						23.9	49.8	7.7	903
	12-14	8.0			18.3						27.6	46.0	7.6	923
	15-17	7.8			18.0						25.3	48.9	7.7	928
	18-20	12.6			22.4						24.2	40.8	6.9	921
	21-23	18.3			20.1						20.6	41.0	6.6	892
TOTALS		12.4			19.2						23.4	45.0	7.2	7219

SKY COVER

FEB

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
FFB	00-02	18.0			24.7						18.6	38.7	6.3	839
	03-05	18.2			23.4						18.7	39.7	6.4	834
	06-08	11.9			19.8						24.7	43.5	7.2	829
	09-11	9.3			17.2						24.4	48.6	7.6	839
	12-14	9.3			15.3						28.0	47.3	7.7	844
	15-17	9.0			15.1						23.8	52.1	7.8	846
	18-20	9.6			20.7						26.0	43.7	7.3	846
	21-23	16.4			22.8						21.5	39.2	6.5	845
TOTALS		12.8			19.9						23.2	44.2	7.1	6722

SKY COVER

MAR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	25.2			25.6						18.8	30.4	5.5	927
	03-05	27.2			23.4						16.9	32.5	5.5	919
	06-08	14.4			25.5						22.7	37.4	6.5	925
	09-11	9.9			26.3						27.8	36.1	6.9	929
	12-14	6.8			21.8						33.5	37.8	7.5	930
	15-17	6.0			23.2						30.3	40.4	7.5	930
	18-20	9.6			26.9						28.3	35.2	6.9	929
	21-23	20.6			28.1						21.0	30.4	5.8	929
TOTALS		15.0			25.1						24.9	35.0	6.5	7418

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94236

KINGSLEY FIELD OR

68-70,73-79

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	32.7			25.6						17.4	24.4	4.8	899
	03-05	30.6			24.9						20.2	24.2	5.0	895
	06-08	13.8			29.2						26.9	30.1	6.3	898
	09-11	10.9			23.2						35.3	30.6	6.9	900
	12-14	6.3			30.0						33.2	30.4	6.9	900
	15-17	6.1			27.7						33.4	32.8	7.1	900
	18-20	9.9			32.2						27.0	30.9	6.5	900
	21-23	28.4			27.9						20.7	23.0	5.0	900
TOTALS		17.3			27.6						26.8	28.3	6.1	7192

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

HAY

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	34.9			28.4						19.9	16.8	4.3	930
	03-05	27.1			35.8						20.8	16.3	4.6	929
	06-08	20.4			33.5						26.1	19.9	5.3	930
	09-11	19.5			30.1						30.4	20.0	5.6	930
	12-14	14.5			32.4						32.7	20.4	6.0	930
	15-17	11.9			34.0						32.2	21.9	6.1	930
	18-20	15.2			34.6						28.5	21.7	5.8	930
	21-23	27.6			32.3						22.9	17.2	4.7	930
TOTALS		21.4			32.6						26.7	19.3	5.3	7439

SKY COVER

JUN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	43.0			29.1						17.6	10.3	3.5	900
	03-05	34.6			33.2						19.3	12.9	4.0	897
	06-08	27.7			34.6						21.1	16.6	4.6	899
	09-11	23.0			37.2						23.3	16.4	4.9	900
	12-14	15.0			39.2						29.1	16.7	5.5	900
	15-17	11.3			42.3						26.8	19.6	5.6	900
	18-20	14.6			40.3						27.1	18.0	5.5	900
	21-23	29.9			36.3						21.2	12.6	4.3	900
TOTALS		24.9			36.5						23.2	15.4	4.7	7196

SKY COVER

68-70, 73-79

JUL

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	65.2			21.3						8.8	4.7	1.9	930
	03-05	56.3			28.2						10.7	4.8	2.3	928
	06-08	48.4			34.8						11.8	4.9	2.6	930
	09-11	42.8			37.8						14.3	5.1	2.9	930
	12-14	30.2			48.0						15.2	6.6	3.5	929
	15-17	25.4			49.7						19.1	5.8	3.8	930
	18-20	33.7			40.5						19.2	6.6	3.6	930
	21-23	53.3			29.0						12.5	5.3	2.5	929
TOTALS		44.4			36.2						14.0	5.5	2.9	7436

SKY COVER

68-70, 73-79

AUG

STATION

STATION NAME

2500

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	60.5			17.3						11.1	11.1	2.6	930
	03-05	57.3			20.1						10.7	11.9	2.8	925
	06-08	42.2			29.9						17.9	10.0	3.5	929
	09-11	40.6			31.5						17.6	10.2	3.6	930
	12-14	31.6			37.3						22.2	8.9	4.0	930
	15-17	27.2			38.7						26.1	8.0	4.3	930
	18-20	34.8			34.3						19.8	11.1	3.9	930
	21-23	50.3			26.3						13.2	10.1	3.0	930
TOTALS		43.1			29.4						17.3	10.2	3.5	7434

SKY COVER

SEP

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	66.4			18.4						7.7	7.5	2.0	897
	03-05	62.7			17.3						10.8	9.3	2.4	897
	06-08	44.0			28.5						16.9	10.6	3.4	894
	09-11	40.3			28.5						20.8	10.4	3.8	898
	12-14	31.2			38.1						24.0	6.7	4.0	900
	15-17	28.3			40.4						24.0	7.2	4.1	900
	18-20	38.3			36.1						19.1	6.4	3.4	900
	21-23	58.7			23.5						11.0	6.8	2.4	899
TOTALS		46.2			28.9						16.8	8.1	3.2	7185

SKY COVER

OCT
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	44.9			24.5						14.6	15.9	3.6	922
	03-05	45.9			19.2						16.3	18.6	3.9	915
	06-08	27.0			26.1						26.3	20.4	5.2	919
	09-11	23.1			30.6						26.1	20.2	5.3	925
	12-14	21.1			29.3						28.8	20.7	5.5	927
	15-17	18.6			30.4						29.1	21.9	5.7	927
	18-20	27.5			31.0						22.2	19.3	4.9	927
	21-23	38.8			29.6						15.0	16.5	3.9	925
TOTALS		30.9			27.6						22.3	19.2	4.8	7387

SKY COVER

NOV

MOUTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	24.8			20.7						20.4	34.0	5.9	882
	03-05	23.7			19.1						20.4	36.9	6.1	871
	06-08	12.0			17.8						27.9	42.2	7.3	874
	09-11	7.3			17.5						32.5	42.6	7.7	885
	12-14	8.4			17.7						34.1	39.8	7.6	900
	15-17	6.5			22.0						31.9	39.7	7.5	897
	18-20	14.8			24.3						26.7	34.2	6.6	892
	21-23	21.1			24.8						20.5	33.6	6.0	887
TOTALS		14.8			20.5						26.8	37.9	6.8	7088

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94236

KINGSLEY FIELD OR

67-70,73-78

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	16.9			19.1						21.5	43.4	6.8	915
	03-05	16.9			16.1						20.8	46.2	7.0	913
	06-08	10.2			15.4						22.7	51.6	7.7	910
	09-11	6.8			15.6						26.9	50.8	8.0	916
	12-14	8.2			15.5						27.2	49.1	7.8	924
	15-17	8.5			17.9						25.3	48.3	7.6	928
	18-20	12.8			19.2						21.0	47.0	7.2	920
	21-23	17.0			20.8						19.9	42.3	6.6	915
TOTALS		12.2			17.3						23.2	47.3	7.3	7341

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

94236 KINGSLEY FIELD OR

67-70,73-79

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	12.4			19.2						23.4	45.0	7.2	7219
FEB		12.8			19.9						23.2	44.1	7.1	6722
MAR		15.0			25.1						24.9	35.0	6.5	7418
APR		17.3			27.6						26.8	28.3	6.1	7192
MAY		21.4			32.6						26.7	19.3	5.3	7439
JUN		24.9			36.5						23.2	15.4	4.7	7196
JUL		44.4			36.2						14.0	5.5	2.9	7436
AUG		43.1			29.4						17.3	10.2	3.5	7434
SEP		46.2			28.9						16.8	8.1	3.2	7185
OCT		30.9			27.6						22.3	19.2	4.8	7387
NOV		14.8			20.5						26.8	37.9	6.8	7088
DEC		12.2			17.3						23.2	47.3	7.3	7341
TOTALS		24.6			26.7						22.4	26.3	5.5	87057

USAFETAC

FORM
AR 64 8-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

For information on reporting practices of individual stations, see the Station History for each station.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

CLIMATE SERVICE/440
INGLEY FIELD CR
STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0							3.2	2.7					5.9
1						4.2	23.5	15.6	1.3				3.0
2					7.9	15.3	47.9	39.8	10.7	.8			9.7
3							34.3	73.5	63.5	32.4	3.2		17.8
4				2.7	20.5	52.7	86.3	75.8	53.6	13.4			25.7
5			2.8	7.0	37.3	68.8	95.3	86.5	72.2	29.4			33.5
6		.4	6.3	16.2	53.2	87.3	98.5	92.9	81.9	45.4	2.5		83.1
7		2.7	13.9	31.7	68.1	93.8	99.5	97.9	90.2	53.9	7.6		47.1
8	.5	9.2	24.7	48.3	80.2	97.0	99.7	99.5	96.5	72.5	18.7	.3	54.3
9	5.8	21.9	48.1	66.3	89.7	99.3	100.0	100.0	99.4	86.8	48.3	6.5	63.3
10	17.9	43.4	60.2	83.2	96.	99.6			99.8	96.0	62.1	22.9	73.5
11	39.5	67.8	81.4	95.3	99.8	100.0			100.0	99.1	81.6	44.8	84.2
12	62.7	89.2	93.7	99.5	100.0					100.0	92.1	69.4	92.2
13	81.5	97.9	97.0	100.0							98.4	86.8	97.0
14	92.6	99.5	99.8								99.7	97.0	93.8
15	97.4	100.0	100.0								100.0	99.1	99.6
16	99.3											99.7	99.9
17	99.5											99.5	99.9
18	99.8											99.7	100.0
19	100.0											100.0	100.0
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	56.3	45.3	48.3	54.4	54.7	74.1	83.2	80.7	73.8	62.2	47.2	38.0	58.9
S.D.	5.467	7.657	9.693	11.51	12.743	13.209	7.463	9.216	9.458	10.670	8.564	8.119	10.276
TOTAL OBS	62	555	516	512	62	610	52	625	630	650	636	623	7381

USE "E" AC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

STATION
STATION NAME

39-79

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
14							1.1	0.2					0.1
13						1.7	7.6	4.4					0.1
12					1.3	7.5	23.2	17.4	3.7	0.2			4.4
11					4.7	7.8	55.3	44.0	14.1	2.2			12.4
10			0.5	1.3	16.3	5.8	81.9	76.5	36.0	7.8	1.1	0.3	23.3
9	0.1	1.2	2.5	7.0	41.8	77.7	96.6	93.5	62.3	19.8	5.5	2.4	35.1
8	0.4	9.4	13.9	24.2	67.6	93.5	99.7	99.0	89.3	43.2	18.9	8.2	48.6
7	15.0	17.9	22.4	33.8	77.6	97.7		99.7	93.5	59.8	27.9	13.9	55.2
6	4.7	35.9	39.3	53.2	88.7	99.5	100.0	100.0	97.3	77.7	42.4	24.4	65.7
5	2.4	64.8	73.6	82.5	98.1	100.0			99.8	93.1	66.8	45.8	87.7
4	33.9	33.3	93.7	97.3	100.0				55.0	99.4	86.7	63.7	97.4
3	1.3	91.0	97.7	99.5						99.8	96.0	78.2	94.5
2	82.7	97.5	98.8	100.0						100.0	98.7	89.4	97.3
1	90.6	99.6	99.7								99.8	94.7	95.7
0	96.0	99.8	100.0								100.0	97.4	99.5
-1	98.4	100.0										99.0	99.8
-2	99.4											99.5	99.9
-3	99.7											99.7	99.9
-4	99.8											100.0	100.0
-5	100.0												100.0
MEAN	5.5	30.2	28.5	33.2	37.9	43.1	50.2	43.8	42.4	34.2	27.9	22.1	34.5
S.D.	11.154	7.376	5.267	5.037	6.822	6.686	6.198	6.195	6.32	6.645	7.662	7.743	12.313
TOTAL OBS.	62	65	68	60	62	60	62	62	63	65	63	62	738

LOCAL CLIMATOLOGY BRANCH

DAILY TEMPERATURES

WATER SERVICE/140

KINGLEY FIELD CR

59-79

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1								.6					.6
2								1.1					1.1
3						1.5	11.0	6.3	.2				1.2
4					.3	10.3	35.2	25.8	3.2				5.5
5					5.0	29.7	66.5	54.5	19.3	1.7			14.7
6					17.3	52.5	87.7	78.4	45.9	6.3			24.2
7			.5	3.3	34.0	72.7	95.9	97.6	74.3	22.0			33.6
8	.2		6.5	15.7	59.0	91.0	99.5	99.0	88.3	45.4	2.2	.3	42.6
9	1.9	5.5	16.0	37.5	80.2	93.5	99.5	99.8	97.0	69.2	14.9	2.1	52.3
10	11.0	23.9	41.4	65.3	93.4	99.8	100.0	100.0	99.7	89.2	41.7	9.5	64.9
11	32.6	55.6	72.1	89.7	99.0	100.0			100.0	97.2	71.6	31.8	79.4
12	53.2	81.9	90.9	98.7	100.0					99.4	87.6	60.0	89.3
13	71.6	92.5	97.7	100.0						100.0	96.0	78.7	94.7
14	81.9	98.2	99.2								99.0	89.4	97.5
15	83.7	99.6	100.0								100.0	94.5	99.0
16	87.9	100.0										98.4	99.7
17	89.7											99.4	99.9
18	89.5											99.5	99.9
19	89.7											99.7	99.9
20	100.0											100.0	100.0
21													
22													
23													
24													
25													
26													
27													
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95													
96													
97													
98													
99													
100													
MEAN	7.1	35.0	38.2	42.6	51.6	59.9	66.8	65.0	58.4	48.5	37.8	37.3	46.9
S D	7.227	6.336	6.778	6.494	7.960	7.552	6.185	6.621	6.758	7.34	6.761	6.377	14.721
TOTAL OBS	50	50	50	50	50	50	50	50	50	50	50	50	7381

2

Washburn

1000

YEARS

C
C
C
C
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C
C
C
C

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

MINIMUM TEMPERATURE

94236	KINGSLEY FIELD OR
STATION	STATION NAME

YEARS

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94230 KINGSLEY FIELD OR
STATION STATION NAME

68-70,73-79

YEARS

JAN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
45/45				.1														1	1					
44/47			.3															3	3					
43/45		.1	1.1															11	11					
42/43		.6	1.1		.1													17	17	10				
41/41		.1	2.0	.1														21	21	12				
40/39		1.5	1.8	.2														33	33	18				
38/37	.1	2.4	2.8	.3	.1													53	53	36				
36/35	.4	3.1	3.5	.6	.1													73	73	60				
34/33	2.4	5.8	1.1	.5														92	92	81				
32/31	1.5	5.6	1.7	.1														83	83	94				
30/29	1.3	3.9	2.5	.1														77	77	75				
28/27	1.4	3.3	1.0															49	49	93				
26/25	1.1	4.6	1.5															67	67	47				
24/23	.3	4.0	.9															48	48	51				
22/21	.4	2.8	.4															34	34	55				
20/19	.8	3.0	.6															41	41	42				
18/17	1.8	2.5																40	40	54				
16/15	1.5	2.0	.2															35	35	37				
14/13	.9	1.6																23	23	25				
12/11	1.3	2.3																36	36	37				
10/9	1.4	2.2																33	33	30				
8/7	.5	1.8																22	22	27				
6/5	.2	1.1																12	12	15				
4/3	.6	.9																14	14	16				
2/1	.2	.1																3	3	7				
0/-1		.2																2	2	1				
-2/-3	.1	.3																4	4	4				
-4/-5	.1	.1																2	2	2				
-6/-7	.1																	1	1	2				
-8/-9																								
-10/-13																								
-14/-15																								
TOTAL	19.155	722.6	2.3	.1														930	930	930				
Element (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	6079414	74518	80.3	10.808	930	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total												
Dry Bulb	744045	24415	26.3	10.534	930	.9	62.6					93												
Wet Bulb	653130	22842	24.6	9.955	930	.9	71.3					93												
Dew Point	510850	19316	20.8	10.865	930	3.2	80.4					93												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

44226
STAT12

KINGSLEY FIELD OR

66-72, 73-79

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 C600-D800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JAN
MONTH

PAGE 2 5600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 JAN MONTH 0900-1100 HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

113

STATION

STATION NAME

YEARS

Section 1

PAGE 24

1253-1457

WORDS (A, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
51/ 55				.3	.2													1	1					
41/ 53				.3	.2			.1										6	6					
42/ 52			.1	.3	.1	.1	.4											7	7					
51/ 49			.1	.2	.2	.1	.4											20	20					
46/ 47			1.1	1.1	.2	.2	.1											24	24	7				
45/ 45		.4	1.5	1.4	.5	.2	.2											40	40	10				
47/ 43		.8	1.9	1.4	.6	.3												47	47	28	3			
42/ 41		1.4	3.7	2.8	.8													53	53	32	18			
11/ 39	.1	2.3	3.8	1.8	.4	.3												62	62	61	23			
38/ 37	.6	1.4	3.8	1.4	.3	.1												71	71	87	36			
42/ 35	.5	2.5	1.9	1.3	.3													61	61	90	68			
34/ 33	1.6	2.4	2.2	1.7	.5													77	77	97	72			
42/ 31	1.1	2.3	2.3	1.9	.3													71	71	66	59			
41/ 29	.4	2.7	3.3	.5														65	65	64	65			
48/ 27	.4	3.2	2.9	.9														74	74	78	68			
46/ 25	.1	2.6	1.7	.3														49	49	38	87			
44/ 23	.1	2.9	1.5	.3														47	47	59	42			
42/ 21	.3	1.7	.8															26	27	51	64			
41/ 19	.2	1.9	.8															27	27	35	63			
43/ 17	.3	1.5	.1															18	18	28	66			
45/ 15	.2	.4	.1															7	7	14	64			
41/ 13	.1	1.1	.1															12	12	8	34			
43/ 11	.1	.5																7	7	12	28			
41/ 9	.1	.4																5	5	6	16			
41/ 7		.3																3	3	4	13			
41/ 5		.2																2	2	2	6			
41/ 3																				2	11			
41/ 1																					9			
41/ -1																					3			
41/ -3																					1			
41/ -5																					1			
41/ -7																					1			
TOTAL	7.6	32.8	33.8	18.6	4.7	1.4	.9	.1		</														

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41276 KINGSLEY FIELD OR 68-71,73-79 JAN
STATION STATION NAME YEARS MONTH
PAGE 1 1570-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B. Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

Element (X)	X ₁	X ₂	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	4861512	65960	73.914.047		930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Dry Bulb	1158914	31896	34.3	8.355	930		39.0				93
Wet Bulb	939937	26737	30.9	7.479	930		51.0				93
Dew Point	669434	23574	25.3	8.796	930	.2	69.3				93

USAFETAC FORM 10-64 0-26.5 (O.L.A.) STAMP WITHOUT (PRINT OR TYPE) FOR ALL COMBATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

68-79, 73-79

YEARS

JAN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
51/ 49			.1	.1														1	1						
48/ 47		.1	.1															3	3						
46/ 45			1.3	.1		.1												14	14	3					
44/ 43		.6	1.2	.1	.1													19	19	5	1				
42/ 41		1.9	2.7	.3	.4													46	46	16	3				
41/ 39		4.3	3.8	.2	.4													81	81	43	12				
38/ 37	.5	3.2	3.0	.5														68	68	67	41				
36/ 35	.5	4.8	4.0	1.0														96	96	77	44				
34/ 33	1.7	5.4	2.8	.5														97	97	115	86				
32/ 31	1.1	3.7	3.3	.4														78	78	85	77				
31/ 29	1.1	2.5	2.0	.2														57	57	78	75				
28/ 27	1.0	5.2	2.3	.3														81	81	69	58				
26/ 25	.8	3.3	1.9															52	52	74	83				
24/ 23	.6	3.4	1.2															49	49	64	62				
22/ 21	.6	3.4	.4	.1														42	42	48	59				
21/ 19	.2	2.8	.8															36	36	52	52				
18/ 17	.6	2.4	.2															31	31	35	58				
16/ 15	.8	1.9																25	25	37	64				
14/ 13	.4	1.2																15	15	17	41				
12/ 11	.3	.9																11	11	11	28				
11/ 9		.6																7	7	8	26				
8/ 7	.1	1.2																12	12	12	18				
5/ 5		.2																2	2	5	8				
4/ 3		.5																5	5	2	11				
2/ 1		.1																1	1	6	6				
1/ -1	.1																	1	1	1	9				
-2/ -3																					1				
-4/ -5																					3				
-6/ -7																					2				
-10/-11																					2				
TOTAL	10.4	53.4	31.2	3.9	1.0	.1												930	930	930	930				
Element (X)	Σx²		Σx		X	°x	No. Obs.		Mean No. of Hours with Temperature							Total									
Rel. Hum.	5723904		72260		77.7	10.851	930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93										
Dry Bulb	959460		27882		30.0	8.897	930		.1	50.9					93										
Wet Bulb	785287		25873		27.8	8.396	930		.1	60.4					93										
Dew Point	603061		21993		23.6	9.450	930		1.7	74.3					93										

USAFETAC FORM 0-26-5 (OL A) JUL 64

REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR
STATION STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
5 / 49				.1														1	1					
46 / 45			.1	1.2														12	12					
44 / 43			.8	.9	.2													17	17	7				
42 / 41			.8	1.5		.2												22	22	15	4			
4 / 39		3.3	3.0	1.1														69	69	25	10			
36 / 37	.1	2.5	2.8	.5														55	55	44	25			
35 / 35	1.1	4.4	3.1	.4	.1													84	94	72	38			
34 / 33	1.8	4.6	3.0	.8														95	95	96	71			
32 / 31	1.3	5.6	3.0	.3														95	95	86	76			
31 / 29	.8	4.3	2.7	.1														73	73	94	70			
28 / 27	.9	3.9	.9															52	52	74	79			
26 / 25	1.1	3.2	1.5															54	54	71	64			
24 / 23	.8	3.1	.4															40	40	48	60			
22 / 21	.8	3.2	.5															42	42	50	60			
21 / 19	.3	2.8	.3															34	34	43	58			
18 / 17	1.3	2.7	.2															39	39	41	49			
16 / 15	.6	1.7	.2															24	24	31	53			
14 / 13	.8	2.7																32	32	25	37			
12 / 11	1.6	2.2																35	35	35	32			
10 / 9	.3	1.3																17	17	28	39			
8 / 7	.1	1.3																13	13	14	33			
6 / 5	.4	.5																8	8	11	15			
4 / 3	.1	.4																5	5	3	18			
2 / 1	.1	.3																4	4	7	14			
0 / -1	.2																	2	2	3	6			
-2 / -3	.2	.4																6	6	6	5			
-4 / -5																					2			
-6 / -7																					4			
-8 / -9																					6			
-14 / -15																					2			
TOTAL	14.8	56.1	25.3	3.5	.2													930	930	930	930			
																		930	930					
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	5954577		73787		79.3		10.388		930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	810830		25846		27.8		9.980		930		.8	57.5					93							
Wet Bulb	707791		24119		25.9		9.411		930		.9	67.0					93							
Dew Point	550899		20507		22.1		10.308		930		2.5	78.2					93							

USAFETAC FORM 0-26-5 (OL A) JUL 64

8131

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

68-70, 73-79

JAN
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
55/ 55																		1	1					
54/ 53																		13	13					
52/ 51																		18	18					
50/ 49																		45	45					
48/ 47																		75	75	14				
46/ 45																		139	139	27				
44/ 43																		215	215	102	14			
42/ 41																		320	320	161	62			
40/ 39																		438	438	274	108			
38/ 37																		475	475	428	185			
36/ 35																		611	611	557	352			
34/ 33																		689	689	755	567			
32/ 31																		668	668	643	627			
30/ 29																		559	559	627	534			
28/ 27																		474	474	634	554			
26/ 25																		423	423	529	543			
24/ 23																		355	355	427	442			
22/ 21																		316	317	388	441			
20/ 19																		278	278	356	472			
18/ 17																		255	255	317	416			
16/ 15																		218	218	248	429			
14/ 13																		160	160	179	320			
12/ 11																		176	176	168	293			
10/ 9																		153	153	182	232			
8/ 7																		120	120	135	203			
6/ 5																		67	67	83	159			
4/ 3																		73	73	61	128			
2/ 1																		36	36	66	106			
0/ -1																		24	24	26	70			
-2/ -3																		17	17	20	45			
-4/ -5																		9	9	8	38			
-6/ -7																		8	8	11	36			
-8/ -9																		5	5	5	21			
-10/-11																		5	5	5	11			
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 84 0-26-5 (OL A) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

ALL

HOUPS (L, S, T, I)

[illegible]

PSYCHROMETRIC SUMMARY

94236	KINGSLEY FIELD OR
STATION	STATION

55-70, 73-79

FFD

STAT12N

STATION NAME

YEARS

MONTH

PAGE 1

9050-0200

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

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PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
52/ 51																		1	1					
51/ 49																		3	3					
48/ 47				.2				.3										2	2					
46/ 45			.4															3	3					
44/ 43		.1	.8	.4														11	11	4				
42/ 41		.5	1.1	.1														14	14	3				
41/ 39	.2	1.5	3.1	.7	.1													47	47	24				
38/ 37	.4	2.5	2.2	.5	.1													48	48	35				
35/ 35	.5	5.1	2.5	.4														71	71	53				
34/ 33	1.3	7.2	2.7	.2														101	101	97				
32/ 31	.9	11.6	2.7															130	130	94				
31/ 29	.8	9.1	1.7		.3													100	100	138				
26/ 27	1.4	8.9	.5															92	92	120				
25/ 25	1.4	4.0	.8	.2														55	55	107				
24/ 23	1.5	3.7	.1	.1														46	46	58				
22/ 21		3.4	.6	.4														37	37	35				
21/ 19	.2	1.5	.4	.1														19	19	30				
18/ 17	.7	.9		.4														17	17	21				
16/ 15	.5	.9	.1															13	13	17				
14/ 13	.1	.9																9	9	8				
12/ 11	.4	1.1	.4															15	15	19				
11/ 9		.5	.4															7	7	7				
8/ 7	.1																	1	1	7				
6/ 5	.1																	1	1	1				
4/ 3	.4																	3	3	3				
2/ 1																								
1/ -1																								
-4/ -5																								
-6/ -7																								
-8/ -9																								
TOTAL	11.5	63.5	23.6	3.5	.6		.2	.1										846	846	846				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5531789	67997	80.4	11.744	846	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	793357	25169	29.7	7.282	846		54.1					84
Wet Bulb	696742	23576	27.9	6.857	846		63.5					

PSYCHROMETRIC SUMMARY

YEARS

553
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEB
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65																		1	1					
62/ 61									.1	.2								5	5					
59/ 59									.1	.2								3	3					
58/ 57																		11	11					
56/ 55						.2	.7		.1	.1								18	18					
54/ 53						.9	.7		.2		.1							19	19					
52/ 51			.2	.6	1.1	1.4			.1	.1								39	39					
50/ 49		.1	.2	1.3	1.1	1.7			.2									47	47					
48/ 47		.1	1.3	1.4	2.5	.7	.5											56	56	12				
46/ 45		.2	1.5	2.0	1.9	.6	.2											55	55	35	3			
44/ 43		.7	2.7	3.3	1.3	.4												71	71	59	3			
42/ 41		1.7	2.6	3.8	1.4	.2	.2											84	84	64	15			
40/ 39	.1	1.5	3.5	3.1	1.5	.6												88	88	106	48			
38/ 37	.2	1.4	5.0	4.0	.4	.4												96	96	104	42			
36/ 35	.1	2.5	4.5	2.5	.2	.1												85	85	92	64			
34/ 33		1.8	2.5	1.8	.5	.1												56	56	114	71			
32/ 31		2.5	1.4	1.7	.2	.1												46	46	101	93			
30/ 29	.9	1.7	1.3	.2	.4													38	38	73	95			
28/ 27	.2	.8		.1	.1													11	11	46	125			
26/ 25	.1	.2	.1	.1	.1													6	6	25	64			
24/ 23	.1	.1		.1														3	3	7	56			
22/ 21	.1	.1		.5														6	6	8	58			
20/ 19				.1														1	1	2	29			
18/ 17	.1																	1	1	3	20			
16/ 15																				4	12			
14/ 13																					9			
12/ 11																					3			
10/ 9																					8			
8/ 7																					1			
6/ 5																					1			
4/ 3																					2			
2/ 1																					3			
0/ -1																					4			
-2/ -3																								

PSYCHROMETRIC SUMMARY

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

TIME

753

PG-MS (1, 5, 7, 11)

[illegible]

PSYCHROMETRIC SUMMARY

FEB

MONTH

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ -1																					1	
-1 / -3																					2	
TOTAL	1.9	12.2	25.3	27.2	13.1	8.3	6.3	3.5	1.2	.7	.2	.2						846	846	846		
							</															

PSYCHROMETRIC SUMMARY

FEB
MONTH

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
50/ 55																								
54/ 53																								
52/ 51																								
51/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
41/ 39																								
38/ 37																								
36/ 35																								
34/ 33																								
32/ 31																								
31/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
21/ 19																								
18/ 17																								
15/ 15																								
14/ 13																								
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								
2/ 1																								
1/ -1																								
-2/ -3																								
-4/ -5																								
TOTAL	3.9	24.5	41.3	18.9	7.8	2.8	.4	.4	.1															
																		846		846				
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	4342618	59402	70.2	14.255	846	≤ 0 F	≤ 32	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	1181736	31168	36.8	6.292	846		19.0					84												
Wet Bulb	950554	27974	33.1	5.560	846		36.4					84												
Dew Point	682367	23249	27.5	7.172	846		66.0					84												

PSYCHROMETRIC SUMMARY

YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

FE
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

94236
STATION

KINGSLEY FIELD OR
STATION

68-70, 73-79

YEARS

FEB
MONTH

PAGE 2

ALL
RS (L. 5.)

PSYCHROMETRIC SUMMARY

68-72, 73-79

MAR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

443

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

68-70, 73-79

MAR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
54/ 53																		1	1					
53/ 49																		1	1					
49/ 47		.4	.1															5	5					
46/ 45		.5	.5	.5	.4	.1	.1											21	21	7	2			
44/ 43		1.2	1.5	.1		.1												27	27	8	5			
42/ 41		2.2	1.7	1.1	.4	.2												52	52	22	6			
41/ 39	.1	1.8	2.0	1.6	.3	.1												56	56	40	25			
38/ 37	.4	2.4	4.2	1.1	.6													81	81	40	19			
36/ 35	.4	3.9	3.1	1.0	.1													79	79	75	40			
34/ 33	.6	5.1	4.1	1.0														100	100	108	44			
32/ 31	.6	5.1	5.0	.5														104	104	87	79			
31/ 29	.5	5.8	5.1	.8														113	113	106	80			
26/ 27	1.0	7.2	1.6	.2														93	93	123	74			
26/ 25	.4	6.1	1.0	.6														76	76	123	82			
24/ 23	.2	3.3	.8	.4														44	44	65	103			
22/ 21	.4	3.0	.2															34	34	54	96			
21/ 19	.2	1.5	.2															18	18	36	102			
18/ 17	.1	.9	.1															9	9	13	69			
16/ 15		.4																4	4	6	33			
14/ 13	.1	.1																2	2	7	27			
12/ 11		.3																3	3	1	6			
11/ 9	.1	.1																2	2	3	12			
8/ 7		.2																2	2	3	4			
6/ 5		.1																1	1	1	6			
4/ 3		.1																1	1	1	6			
2/ 1																					2			
0/ -1																					2			
-4/ -5																					1			
TOTAL	5.4	51.7	31.2	9.0	2.0	.5	.1											929	929	929	929			
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total											
Rel. Hum.	5472668	70402	75.8	12.169	929	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F													
Dry Bulb	986887	29579	31.8	6.972	929		50.7					93												
Wet Bulb	835226	27204	29.3	6.450	929		63.0					93												
Dew Point	622956	22982	24.7	7.658	929		78.9					93												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94235
STATION

KINGSLEY FIELD OR
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
64/ 63								.1										1														1	1				
52/ 61							.1											1														1	1				
57/ 59							.1											5														5	5				
58/ 57							.1											8														8	8				
58/ 55							.1											12														12	12				
54/ 53							.1											24														24	24				
52/ 51							.1											26														26	26				
57/ 49							.1											42														42	42	15	1		
48/ 47							.1											59														59	59	15	4		
46/ 45							.1											72														72	72	24	12		
47/ 43							.1											79														79	79	35	10		
42/ 41							.1											91														91	91	66	17		
47/ 39							.1											86														86	86	91	24		
36/ 37							.1											82														82	82	37	37		
35/ 35							.1											106														106	106	108	66		
37/ 33							.1											77														77	77	106	69		
32/ 31							.1											54														54	54	122	65		
37/ 29							.1											49														49	49	101	64		
28/ 27							.1											24														24	24	68	96		
26/ 25							.1											11														11	11	40	101		
24/ 23							.1											8														8	8	19	105		
22/ 21							.1											4														4	4	15	69		
27/ 19							.1											1														1	1	6	69		
18/ 17							.1											5														5	5	3	47		
16/ 15							.1																												3	23	
14/ 13							.1											1														1	1	1	16		
12/ 11							.1											1														1	1	1	15		
10/ 9							.1																													8	
5/ 7							.1																													5	
6/ 5							.1																													5	
4/ 3							.1																													1	
TOTAL	1.214	.928	.625	.116	.3	9.5	3.3	1.1	.1									929														929		929			
Element (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature							Total														
Rel. Hum.	3791117			57707			62.1			14.918			929			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb	1519375			36875			39.7			7.746			929				15.8					93															
Wet Bulb	1138181			31961			34.4			6.442			929									93															
Dew Point	734545			25083			27.0			7.858			929				69.0					93															

FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

NAF
MONTH

PAGE 1 1225-1405
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MLR
MONTH

1200-1400

HOURS (L, S, T.)

[illegible]

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR
STATION STATION NAME

66-70,73-79
YEARS

MAR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
69/69								.1	.1										3	3				
68/67								.2	.1	.3	.6	.1							19	19				
66/65								.2	.5	.6	.3	.1							19	19				
64/63					.1	.1	.5	.2	.5	.8	.2								24	24				
62/61							.2	.5	.5	1.1	.1								25	25				
60/59				.3	.2	.1	.1	.4	1.6	.6	.1								35	35				
58/57			.1	.1	.3	.2	1.0	2.0	1.6	.4									54	54				
56/55			.1	.1	.3		1.1	1.6	.9	.2									40	40	4			
54/53		.1	.3	.3	.2	1.2	.5	1.7	.4	.1									36	36	9			
52/51		.1	.3	.3	1.0	1.4	1.9	2.2	.2										69	69	14			
50/49	.1		.1	.4	1.4	1.3	1.1	1.4	.1										55	55	29			
48/47		.2	.2	.5	1.3	1.7	1.5	.5											57	57	35			
46/45		.2	.3	1.4	2.2	2.2	1.4												75	75	51			
44/43	.1	.6	1.3	1.0	2.7	1.4	.8												73	73	89			
42/41		1.3	1.5	1.5	2.8	.8	.1												74	74	92			
40/39		1.3	2.0	2.2	2.3	.5	.2												79	79	98			
38/37		.3	2.4	2.0	1.3	.6													62	62	113			
36/35		1.3	1.9	1.3	.5														52	52	106			
34/33		1.3	.8	1.7															35	35	112			
32/31		.5	.5	.8	.1														20	20	71			
30/29		.5	.1	1.0															15	15	51			
28/27		.3	.3																6	6	28			
26/25			.2																2	2	10			
24/23			.1																1	1	13			
22/21																								
20/19																								
18/17																								
16/15																								
14/13																								
12/11																								
10/9																								
8/7																								
6/5																								
Element (X)	ΣX²		ΣX		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.																								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

8142

USAFETAC FORM 10-66 0-26-5 (OL A) (THIS REVISION OF THIS FORM ARE OBSOLETE)

PSYCHROMETRIC SUMMARY

483

MONTH

1500-1700

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	.2	8.2	12.8	15.6	16.9	11.5	10.9	10.4	5.8	4.7	1.8	.4							930	930	930	930													
													</																						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAD

PSYCHROMETRIC SUMMARY

44236 KINGSLEY FIELD OR
STATION STATION NAME

62-73,73-79
YEARS

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
6/ 55						.1					.2							3		3															
54/ 53								.2	.1	.1								4		4															
52/ 51					.1	.1	.1	.1	.1									5		5															
50/ 50					.3	.1	.1	.2	.3									9		9															
50/ 57			.1	.1	.1	.2	.6	.8	.3									21		21															
50/ 55			.1		.2	.4	.4	.5	.2									18		18															
54/ 53			.2		.5	.6	1.1	1.1	.2	.1								35		35															
52/ 51	.1	.1	.2	.2	.6	1.5	.5	.3										36		36															
50/ 50		.2	.3	1.1	1.7	1.3	.5	.5										47		47															
48/ 47		.5	.4	.6	1.8	1.5	1.1	.2										58		58															
48/ 45		.4	1.0	1.3	2.7	1.5	.5	.1										64		64															
44/ 43	.1	.4	1.2	2.5	2.5	1.8	.6											66		66															
42/ 41		.5	1.7	1.9	2.4	.6	.1											68		68															
40/ 39	.2	1.6	3.4	3.2	2.3	.5												103		103															
38/ 37	.4	1.2	3.8	2.6	.9	.3												85		85															
38/ 35	.2	1.8	3.7	2.8	1.3													91		91															
34/ 33	.1	3.1	2.8	1.8	.2													75		75															
32/ 31		1.5	3.1	1.4	.2													58		58															
30/ 29	.2	1.0	1.6	.4	.1													31		31															
28/ 27		.6	.8	.4														17		17															
26/ 25		.3	.2															5		5															
24/ 23		.2	.5															7		7															
22/ 21			.1															1		1															
20/ 19		.1																1		1															
18/ 17		.1																1		1															
16/ 15																																			
14/ 13																																			
12/ 11																																			
10/ 9																																			
8/ 7																																			
6/ 5																																			
TOTAL	1.4	13.9	25.3	20.5	16.5	10.8	6.1	3.9	1.2	.3	.2									929															
																				929															
Element (X)	Σx'		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	3578358		55424		59.7		17.098		929		10 F		12 F		14 F		16 F		18 F		20 F		22 F		24 F		26 F		28 F		30 F		Total		
Dry Bulb	1642788		38338		41.3		8.085		929				12.1																				93		
Wet Bulb	1190617		32773		35.3		6.094		929				31.0																				93		
Dew Point	735903		25203		27.1		7.498		929				72.2																				93		

USAFETAC FORM 44 0-26-5 (OLA) REVISD WITHOUT INQUIRY TO THE JPRS AIR OBSOLETE

PSYCHROMETRIC SUMMARY

68-70, 73-79

MAR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

68-72, 73-79

MAR

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71																			1	1					
71/ 69																			3	3					
68/ 67																			28	28					
66/ 65																			32	32					
64/ 63																			44	44					
62/ 61																			56	56					
61/ 59																			76	76					
58/ 57																			113	113	2				
56/ 55																			112	112	8				
54/ 53																			159	159	19				
52/ 51																			197	197	38				
50/ 49																			251	251	88				
48/ 47																			305	305	113				
46/ 45																			380	380	168				
44/ 43																			463	463	304				
42/ 41																			524	525	432				
41/ 39																			626	628	519				
38/ 37																			621	621	647				
36/ 35																			674	674	779				
34/ 33																			648	648	898				
32/ 31																			587	587	815				
31/ 29																			527	527	694				
28/ 27																			383	383	694				
26/ 25																			250	250	509				
24/ 23																			157	157	292				
22/ 21																			90	90	201				
21/ 19																			48	48	91				
18/ 17																			30	30	52				
16/ 15																			16	16	23				
14/ 13																			7	7	21				
12/ 11																			5	5	3				
10/ 9																			8	8	8				
8/ 7																			4	4	6				
6/ 5																			1	1	2				
Element (X)	ΣX^2		ΣX		Σ		σ^2		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (OL A) REVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

MAR
MONTH

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 7

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
77/ 59											.1	.1						2	2																
68/ 67										.2	.1	.1	.1					4	4																
66/ 65						.1		.1	.2	.1	.1	.1	.1					6	6																
64/ 63				.1			.1	.1	.2	.1		.1						7	7																
62/ 61							.2	.4	.2	.3	.2							13	13																
61/ 59					.1	.3	.4	.7	.5	.3	.2							21	21																
65/ 57						.4	1.6	1.1	.3	.2								33	33	1															
56/ 55			.1		.8	1.4	1.2	1.2	.8									50	50	1															
64/ 53				.3	1.1	1.7	1.7	.7	.2									51	51	1	1														
62/ 51			.2	.1	1.2	2.6	1.4	.4	.1									55	55	4															
58/ 49			.3	.7	2.4	2.3	1.6	.8	.2									73	73	20	1														
68/ 47			.9	1.4	3.2	2.8	1.3	.1										88	88	22	2														
66/ 45			1.9	2.2	2.3	2.6	.8											80	80	62	1														
64/ 43		.2	2.1	2.1	3.1	2.7	.4											95	95	76	5														
62/ 41		.3	1.6	1.8	3.7	1.1	.3											79	79	105	11														
61/ 39		.3	1.8	3.2	4.9	.9	.1											93	93	128	34														
36/ 37		1.1	1.3	3.0	1.3	.3												64	64	99	30														
36/ 35		.2	1.3	1.3	.7													32	32	110	75														
34/ 35		.4	.8	1.0	.6													25	25	110	71														
32/ 31		.1	.6	1.1	.2													18	18	82	96														
31/ 29			.7	.1														7	7	32	95														
26/ 27		.2	.2															4	4	25	83														
25/ 25																				19	75														
24/ 23																				3	74														
22/ 21																					94														
21/ 19																					57														
18/ 17																					28														
16/ 15																					36														
14/ 13																					12														
12/ 11																					14														
10/ 9																					4														
8/ 7																					1														
TOTAL		3.0	12.9	18.4	24.8	19.2	11.3	5.4	2.7	1.3	.3	.4	.1					900	900	900	900														
Element (X)	Z _x ¹	Z _x		X		σ _x		N . Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	2495298	45538		50.8		14.590		900		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb	1950890	41320		45.9		7.739		900			2.9	.6				90																			
Wet Bulb	1315961	34841		37.8		5.622		900			16.1					90																			
Dew Point	724143	24695		27.4		7.195		900			66.9					90																			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236
STATION

KINGSLEY FIELD CR
STATION NAME

66-70, 73-79
YEARS

APR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77														.1				1	1					
76/ 75													.2	.2				4	4					
74/ 73											.2	.4	.1	.2				9	9					
72/ 71										.1	.2	.3	.1	.1				8	8					
70/ 69										.3	.4		.9					15	15					
68/ 67								.2	.3	.1	.1	.1						8	8					
66/ 65							.3	.3	1.0	.4	.8	.7						32	32					
64/ 63							.4	.7	1.2	1.0	.1							31	31					
62/ 61							.9	2.6	1.4	.2								46	46					
60/ 59						.3	1.1	1.7	1.3	1.4	.2							54	54					
58/ 57						.7	1.4	2.7	1.9	1.4	.1							74	74					
56/ 55					.3	.9	1.4	1.9	1.2	.3								55	55					
54/ 53				.6	1.1	2.0	1.1	1.3	.2									57	57	12				
52/ 51			.6	.7	1.7	2.3	1.7	.8										69	69	19				
50/ 49			.2	1.2	1.6	2.2	2.1	2.1	.2									87	87	33				
48/ 47			.4	1.3	1.6	2.0	3.4	.6										81	81	48	1			
46/ 45			.7	1.1	1.9	3.1	1.6	.1										76	76	105				
44/ 43		.2	.3	1.3	1.4	2.1	.6											57	57	111	4			
42/ 41		.1	.3	1.9	1.6	1.1												45	45	120	20			
40/ 39	.1	.4	1.1	1.1	1.1	.6												40	40	103	17			
38/ 37	.1	.9	.9	.4	.3	.2												26	26	118	39			
36/ 35		.1	.3	.4	.6	.1												14	14	114	57			
34/ 33		.1	.3	.2	.2													8	8	59	59			
32/ 31			.2															2	2	31	101			
30/ 29			.1															1	1	17	76			
28/ 27																				9	87			
26/ 25																				2	84			
24/ 23																					58			
22/ 21																					74			
20/ 19																					82			
18/ 17																					58			
16/ 15																					28			
14/ 13																					29			
12/ 11																					25			
Element (X)	ΣX'		ΣX		X		ΣX		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 44 0-26-5 (OL A) REPRODUCED BY THE AIR FORCE

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 1520-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		HOURS (L. S. T.)
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	0.8° W.B.	Dry Bulb	Wet Bulb	Dew Point															
75/ 75																		10	10																	
74/ 73																		8	8																	
73/ 71																		21	21																	
72/ 69																		13	13																	
68/ 67																		19	19																	
66/ 65																		33	33																	
64/ 63																		36	36																	
62/ 61																		43	43																	
61/ 59																		64	64	1																
59/ 57																		65	65	2																
58/ 55																		58	58	3																
54/ 53																		65	65	8																
52/ 51																		61	61	16																
50/ 49																		69	69	46																
48/ 47																		79	79	68	2															
46/ 45																		70	70	92	7															
44/ 43																		53	53	111	12															
42/ 41																		49	49	115	13															
41/ 39																		35	35	125	22															
38/ 37																		18	18	109	29															
36/ 35																		16	16	90	49															
34/ 33																		9	9	60	63															
32/ 31																		5	5	30	85															
30/ 29																		1	1	13	79															
28/ 27																				9	106															
26/ 25																				2	77															
24/ 23																					77															
22/ 21																					73															
20/ 19																					60															
18/ 17																					45															
16/ 15																					46															
14/ 13																					28															
12/ 11																					9															
10/ 9																					13															
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Moon No. of Hours with Temperature																														
Rel. Hum.																																				

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

17201
17202

USAFETAC

PSYCHROMETRIC SUMMARY

66-72, 73-79

APR
MAY

PAGE 1

1810-2000
NOV 45 (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
74/ 73																		1	1																
72/ 71																		2	2																
70/ 69																		6	6																
68/ 67																		8	8																
66/ 65																		11	11																
64/ 63																		21	21																
62/ 61																		21	21																
60/ 59																		28	28																
58/ 57																		39	39	1															
56/ 55																		50	50	1															
54/ 53																		64	64	4															
52/ 51																		59	59	12															
50/ 49																		65	65	21															
48/ 47																		66	66	29															
46/ 45																		89	89	69															
44/ 43																		93	93	80															
42/ 41																		73	73	103															
40/ 39																		65	65	119															
38/ 37																		61	61	126															
36/ 35																		40	40	113															
34/ 33																		30	30	81															
32/ 31																		21	21	76															
30/ 29																		6	6	33															
28/ 27																		2	2	22															
26/ 25																				9															
24/ 23																				102															
22/ 21																				63															
20/ 19																				51															
18/ 17																				57															
16/ 15																				41															
14/ 13																				25															
12/ 11																				9															
10/ 9																				5															
8/ 5																				1															
6/ 5																				2															
Element (A)	Z _H ¹	Z _H	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 6 F	≥ 32 F	≥ 6																											

PSYCHROMETRIC SUMMARY

63-75, 73-79

402

STATION

STATION NAME

YEARS

SAINT MARY

PAGE 2

1855-2005

1901年 11月 5日

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-276 KINGSLEY FIELD OR

58-70,73-79

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point						
62/ 61																																1	1				
61/ 59																																6	6				
60/ 57																																5	5				
59/ 55																																15	15				
58/ 53																																16	16	2			
57/ 51																																27	27	2	1		
56/ 49																																54	54	2	2		
55/ 47																																54	54	12	3		
54/ 45																																61	61	28	2		
53/ 43																																72	72	34	5		
52/ 41																																108	108	78	15		
51/ 39																																112	112	83	21		
50/ 37																																87	87	109	28		
49/ 35																																93	93	129	45		
48/ 33																																71	71	123	85		
47/ 31																																58	58	115	113		
46/ 29																																38	38	83	111		
45/ 27																																17	17	68	115		
44/ 25																																4	4	38	95		
43/ 23																																1	1	14	77		
42/ 21																																			45		
41/ 19																																			58		
40/ 17																																			37		
39/ 15																																			23		
38/ 13																																			10		
37/ 11																																			2		
36/ 9																																			2		
TOTAL																																			930	930	930
Element (X)	ΣX ²		ΣX		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	3760453		56725		63.014		353		900		± 0 F		± 32 F		± 67 F		± 72 F		± 80 F		± 93 F		Total														
Dry Bulb	1509689		36337		40.4		6.884		900				11.9										93														
Wet Bulb	1137185		31613		35.1		5.856		900				29.8										90														
Dew Point	746838		25238		28.9		6.594		900				68.8										90														

REPRODUCED FROM THE 1966 AIR WEATHER SERVICE/MAC

FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

APR

MONTH

ALL

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
77/ 77																		1	1					
76/ 75																		14	14					
74/ 73																		18	18					
72/ 71																		31	31					
70/ 69																		36	36					
68/ 67																		39	39					
66/ 65																		82	82					
64/ 63																		94	94					
62/ 61																		124	124					
60/ 59																		173	173					
58/ 57																		217	217					
56/ 55																		231	231					
54/ 53																		248	248					
52/ 51																		300	300					
50/ 49																		397	397					
48/ 47																		431	431					
46/ 45																		467	467					
44/ 43																		516	516					
42/ 41																		524	524					
40/ 39																		566	566					
38/ 37																		516	516					
36/ 35																		514	514					
34/ 33																		430	430					
32/ 31																		401	401					
30/ 29																		312	312					
28/ 27																		202	202					
26/ 25																		129	129					
24/ 23																		88	88					
22/ 21																		55	55					
20/ 19																		21	21					
18/ 17																		3	3					
16/ 15																								
14/ 13																								
12/ 11																								
Element (X)	Z_X^2			Z_X			\bar{X}			σ_X			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																								

PSYCHROMETRIC SUMMARY

54236
STATIO

KINGSLEY FIELD OR
STATION NAME

63-70, 73-79

YEARS

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

ARS

7000-0203
HOURS (1-5-1)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1 MAY
MONTH
5300-0560
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

66-72, 73-79

YEARS

MAY
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
81 / 79																			2	2												
78 / 77																		5	5													
76 / 75																		9	9													
74 / 73																		18	18													
71 / 71																		24	24													
71 / 69																		37	37													
68 / 67																		52	52													
66 / 65																		54	54													
64 / 63																		62	62													
62 / 61																		59	59	2												
61 / 59																		71	71	7												
60 / 57																		72	72	19												
56 / 55																		59	59	42												
54 / 53																		64	64	75												
52 / 51																		66	66	79												
51 / 49																		57	57	77												
48 / 47																		63	63	100												
46 / 45																		36	36	99												
44 / 43																		39	39	92												
42 / 41																		32	32	106												
41 / 39																		30	30	82												
38 / 37																		14	14	55												
36 / 35																		7	7	49												
34 / 33																		2	2	29												
32 / 31																				10												
31 / 29																				5												
28 / 27																				2												
26 / 25																																
24 / 23																																
22 / 21																																
21 / 19																																
18 / 17																																
16 / 15																																
14 / 13																																
Element (X)	Σx^2			Σx			\bar{x}			σ_x			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																																

PSYCHROMETRIC SUMMARY

YEARS

DAY
MONTH

0900-1100
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

WASH

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85														.1	.3	.2		6	6					
84/ 83													.1	.2	.1	.1		6	6					
82/ 81												.3	.3	.4	.3			16	16					
80 / 79											.4	.3	.5	.6	.5			25	25					
78/ 77									.1	.1	.5	1.3	.5	.4	.2			31	31					
76/ 75								.1	.3	.5	1.1	1.4	1.0	.8	.1			49	49					
74/ 73								.1	.4	.5	2.4	1.4	.3	.3				51	51					
72/ 71								.2	.3	1.7	2.0	1.2	.3					58	58					
70 / 69							.1	.3	.8	2.3	1.6	1.0	.2					60	60					
68/ 67							.3	.4	1.5	1.6	1.2	.4						51	51					
66/ 65							.3	1.0	1.0	2.6	1.3	.9						65	65					
64/ 63						.1	.3	1.4	2.4	2.4	.4	.2						67	67					
62/ 61						.2	.6	2.2	1.6	1.9	.3							64	64	2				
60 / 59					.1	.6	1.2	2.3	1.9	1.2	.1							67	67	21				
58/ 57				.2	.2	.5	1.4	1.7	.8	.6								51	51	43				
56/ 55				.3	.3	1.1	2.3	1.4	1.3									57	57	67				
54/ 53			.1	.2	.6	1.0	1.4	.5	.5									41	41	75				
52/ 51				.4	.5	.8	.9	.3										26	26	105	2			
50/ 49			.2	.4	.9	.8	.9	.1										30	30	105	7			
48/ 47				.4	.5	.8	.5											21	21	103	12			
46/ 45			.3	.9	1.3	1.2	.2											33	33	105	22			
44/ 43			.3	.6	.9	.3	.1											21	21	109	30			
42/ 41			.4	.4	.5	.1												14	14	57	44			
40 / 39		.4	.4	.6	.3													17	17	50	61			
38/ 37		.1	.2															3	3	44	88			
36/ 35																				30	96			
34/ 33																				15	91			
32/ 31																				2	105			
30 / 29																					89			
28/ 27																					65			
26/ 25																					72			
24/ 23																					45			
22/ 21																					47			
20 / 19																					29			
Element (X)	ΣX ²		ΣX		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

444

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

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USAFETAC FORM 0-26-5 (OL A)

PSYCHROMETRIC SUMMARY

64236	KINGSLEY FIELD OR
STATION	STATION

68-70, 73-79

MAY
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
18																					25	
17																					10	
16																					11	
15																					5	
14																					930	
TOTAL	.1	1.2	1.9	4.2	6.5	5.8	9.4	11.2	11.2	12.4	11.2	9.6	6.5	6.2	2.0	.6	.1		930	930	930	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

94236 WINGSLEY FIELD OR
STATION STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt.														
84/ 53														.2	.1																3	3			
82/ 51														.1	.1	.1															3	3			
81/ 79												.3	.6	.1																	10	10			
79/ 77										.2	.4	.4	.6	.2																	18	18			
76/ 75									.2		.5	.9	.2	.1																	15	15			
74/ 73								.2	.4	1.3	.3	.3	.3	.3																	29	29			
72/ 71						.2	.5		.9	.3	.9	.2	.1																		32	32			
71/ 69						.4	.2	1.5	.9	.6	.2	.1																			37	37			
68/ 67				.1		.9	1.3	1.6	1.7	.8	.4	.1																			57	57			
66/ 65				.4	.9	1.5	.9	.6	.9	.4																					52	52			
64/ 63				.3	.3	2.0	1.8	1.3	1.5	.5																					78	73			
62/ 61				.3	.4	1.2	1.3	1.4	1.5	.2	.1																				60	60			
61/ 59				.1	.6	1.1	1.4	1.7	1.9	.1																					65	65	9		
58/ 57			.1	.1	.5	1.1	1.9	1.1	.3	.1																					49	49	27		
55/ 55			.3	.9	1.3	1.6	2.7	.9	.2	.1																					70	70	49		
54/ 53		.1		.5	.6	2.0	1.7	.3	.1																						55	55	85	1	
52/ 51		.1	.4	.5	1.9	1.8	.8	.4	.3																						59	59	99	9	
50/ 49			.3	.3	1.8	2.3	.4	.1																							51	51	95	14	
48/ 47		.1	.5	.6	1.7	.3	.4																								35	35	74	28	
46/ 45		.2	1.5	1.3	1.4	.4																									46	45	114	31	
44/ 43	.1		.5	1.4	.6	.2	.1																								28	28	105	47	
42/ 41			.6	1.1	.6																										22	22	85	78	
41/ 39		.1	.9	1.9	.3	.1																									21	21	61	71	
38/ 37		.4	.9	.4	.2																										18	18	47	73	
35/ 35	.1	.5	.5	.2																											13	13	36	91	
34/ 33	.1		.3																												4	4	27	89	
32/ 31																																		13	121
31/ 29		.1																													1	1	3	81	
28/ 27																																	1	70	
26/ 25																																		49	
24/ 23																																		25	
22/ 21																																		21	
21/ 19																																		16	
18/ 17																																		3	
Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26.5 (OL A) REVISIONS INDICATED BY THE NUMERALS ON THE LEFT

PSYCHROMETRIC SUMMARY

66-70,73-79

548 Y

STATION

STATION NAME

YEARS

MENTA

PAGE 2

1933-2903

MOORE, S. T.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4236 KINGSLEY FIELD OR
STATION

55-70, 73-75

YEARS

MAY
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																				
77/72										.1																							3	3							
76/69									.1	.2	.1	.2	.1																					7	7						
65/67									.1	.4	.9																								10	10					
56/60								.2	.3	.2	.4	.2	.1																						14	14					
47/50								.4	.2	1.6	1.1	.4	.4																						39	39					
32/51					.4	.1	1.4	1.6	1.3	.5																									52	52					
17/59			.2	.9	1.1	1.2	1.2	.5	.3	.1																									52	52					
5/57		.3	.2	.5	2.2	2.9	.9	.6	.2	.1																									75	75					
50/50		.1	.5	1.1	2.3	1.9	1.1	.3	.1																										69	69					
44/53			.4	1.1	1.8	1.5	.1	.3		.1																									53	53					
32/51		.5	.3	1.5	2.1	1.2	.9	.3	.2																										69	69					
50/40	.2		1.1	1.5	4.1	1.6	.5	.1																											85	85					
40/47		.1	.9	2.3	3.7	.5	.1																												75	75					
40/40		.4	1.2	3.5	1.5	.5																													75	75					
49/43		.6	2.1	1.9	1.2	.3																													57	57					
42/41		.4	2.3	1.8	1.1	.2	.1																												55	55					
47/39	.2	.6	1.5	1.3	.6																															40	40				
38/37	.1	.5	2.2	.5	.1	.1																													33	33					
35/35	.2	1.5	1.6	.5																																37	37				
34/33	.6	.3	.6	.2																																17	17				
32/31	.2	.2	.2	.1																																7	7				
31/29		.2	.1																																	3	3				
27/27		.2																																		2	2				
26/25																																									
27/23																																									
27/21																																									
17/19																																									
17/17																																									
16/15																																									
17/13																																									
12/11																																									
11/9																																									
TOTAL	7.6	6.2	16.1	20.0	22.7	14.6	3.5	6.7	2.6	1.0																									930	930					
																																		930	930	930					
Element (X)	Z _g	Z _x	E	Q _g	No. Obs.	Mean No. of Hours with Temperature						Total																													
Rel. Hum.	3399242	54374	58.5	15.395	930	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																													
Dry Bulb	2411927	46661	50.2	8.730	930	1.2		2.0				93																													
Wet Bulb	1750720	32890	42.9	6.540	930	5.1						93																													
Dew Point	1201961	32721	35.2	7.388	930	34.3						97																													

USAFETAC FORM 8-64 0-26-5 (GLA) REVISED WITHOUT NOTICE OF THE NAME AND ORIGIN

PSYCHROMETRIC SUMMARY

MAY
MONTH

ALL
MCURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAY
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
/ 19		.																				
3 / 17																			1	1	2	159
15 / 15																						63
14 / 13																						38
1 / 11																						18
/ 9																						9
- / -																						3
TOTAL	2.3	7.3	16.9	14.4	12.5	9.6	3.5	7.3	5.8	5.4	4.0	2.8	1.7	1.3	.4	.1	.		7440		7440	
																		7440		7440		
Element (X)	Z _x ²	Z _x	X̄	F _x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	2412145?	394284	53.0	20.826	7440	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744										
Dry Bulb	2186299?	392784	52.8	12.306	7440		24.0	114.3	52.5	11.2		744										
Wet Bulb	14403371	322777	43.4	7.333	7440		53.2					744										
Dew Point	8828796	250382	33.7	7.356	7440		338.4					744										

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1 0000-2200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1

0306-0500
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR
STATION STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PAGE 1 8608-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb Wet Bulb Dew Point						
47/73																					3	3		
47/69																					6	6		
50/67																					29	29		
50/65																					22	22		
50/65																					45	45		
52/61																					61	61		
50/59																					60	60	7	
50/57																					80	80	22	1
50/55																					74	74	39	
47/53																					78	78	70	16
52/52																					77	77	82	23
50/49																					83	83	117	57
46/47																					66	66	127	85
46/45																					67	67	84	85
44/43																					52	52	69	74
42/41																					34	34	74	95
41/39																					30	30	81	88
38/37																					20	20	55	74
36/35																					8	8	39	70
34/33																					4	4	23	71
32/32																					1	1	5	49
31/29																							4	61
28/27																							1	25
25/25																							1	12
22/21																								6
21/19																								2
19/17																								1
15/7																								1
5/5																								3
TOTAL	.9	8.4	15.9	24.6	21.1	15.4	7.1	4.8	1.4	.3											900	900	900	900
Element (X)	Σx'		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	3766149		56777		63.1		14.320		900		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total	
Dry Bulb	2744538		49182		54.6		7.956		900						6.0		.3						90	
Wet Bulb	2095779		43157		47.8		6.318		900														90	
Dew Point	1608346		37454		41.6		7.434		900				11.2										90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94256 KINGSLEY FIELD OR
STATION STATION NAME

66-72, 73-79
YEARS

JUN
MONTH

PAGE 1 3936-1165
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
85/ 85												.3	.1									4	4		
84/ 83												.1										1	1		
82/ 81										.2	.7	.6	.1	.1	.1							16	16		
81/ 79									.2	1.1	.3	.8	.2	.3								27	27		
80/ 77								.1	1.2	1.2	1.1	.3	.4									40	40		
79/ 75								.4	1.2	1.3	1.3	.9	.3	.1								51	51		
78/ 73							.5	1.2	2.1	1.4	2.1	1.1										77	77		
77/ 71							.7	1.3	1.3	1.3	.8	.4										54	54		
76/ 69						.2	2.3	1.7	2.5	1.4	.2		.1									77	77		
75/ 67					.1	.9	1.4	1.3	1.8	1.3	.2	.1										65	65		
74/ 65					.4	.7	1.3	1.9	1.1	.2	.1	.2										55	55		
74/ 63				.1	.8	1.6	2.1	1.2	.9	.2	.2	.1										65	65	21	
72/ 61			.2	.6	.3	2.1	1.3	1.7	.3	.6	.1	.1										65	65	39	
71/ 59			.2	.2	.2	1.7	1.2	1.1	.4	.1												47	47	54	
69/ 57			.2	.8	.4	1.7	1.2	1.2	.2	.2												54	54	107	
68/ 55		.1	.7	.4	.3	1.7	1.1	.7														45	45	93	12
64/ 53		.4	.4	.7	.8	2.2	1.2	.1	.1													54	54	122	24
62/ 51		.2	.1	.4	1.3	1.4	1.2															43	43	113	63
57/ 49				.7	.9	1.1			.1													25	25	77	65
56/ 47			.1	.3	1.2	.4																19	19	59	72
46/ 45		.2	.3	.3	.2	.1																11	11	63	73
44/ 43			.2	.2																		4	4	70	71
42/ 41			.1																			1	1	48	78
39/ 39																								28	81
38/ 37																								5	81
36/ 35																								1	80
35/ 33																								1	51
32/ 31																									51
30/ 29																									41
28/ 27																									29
25/ 25																									11
24/ 23																									7
22/ 21																									2
21/ 19																									6
Element (X)	Σ X ²		Σ X		Σ		°A		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

8160 FORM 0-26-5 (OLA) JUL 64
USAFETAC
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR
STATION STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
92/ 95																					1	1		
92/ 91																					2	2		
91/ 89																					14	14		
89/ 87																					29	29		
87/ 85																					29	29		
85/ 83																					51	51		
83/ 81																					56	56		
81/ 79																					78	78		
79/ 77																					74	74		
77/ 75																					60	60		
75/ 73																					51	51		
73/ 71																					67	67		
71/ 69																					45	45		
69/ 67																					52	52		
67/ 65																					41	41	3	
65/ 63																					50	50	21	
63/ 61																					48	48	51	
61/ 59																					36	36	98	
59/ 57																					45	45	123	
57/ 55																					28	28	129	5
55/ 53																					20	20	121	10
53/ 51																					11	11	79	25
51/ 49																					6	6	76	35
49/ 47																					3	3	67	53
47/ 45																					3	3	59	75
45/ 43																							48	59
43/ 41																							16	97
41/ 39																							9	81
39/ 37																								94
37/ 35																								81
35/ 33																								68
33/ 31																								60
31/ 29																								50
29/ 27																								43
Element (X)	ΣX'		ΣX		X		X		X		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 2 1200-1430
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
25																					28				
23																					14				
21																					11				
19																					3				
17																					1				
15																					4				
13																					2				
11																					1				
TOTAL	.1	.2	1.4	1.8	2.8	4.7	6.7	8.7	10.3	14.0	12.8	12.3	8.8	9.3	4.7	1.8	.7		900	900	900				

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

JSAFETAC

PSYCHROMETRIC SUMMARY

YEAPS

JUN
MONTH

PSYCHROMETRIC SUMMARY

JUN
MONTH

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1.28739	27381	30.4	14.450	900	$\pm 0 F$	$\pm 32 F$	$\pm 47 F$	$\pm 73 F$	$\pm 80 F$	$\pm 92 F$	Total
Dry Bulb	486654	65509	72.8	10.456	900			64.6	47.8	28.4		90
Wet Bulb	26172.6	46278	53.6	5.521	900							90
Dew Point	1319400	35730	37.9	7.841	900		24.2					90

PSYCHROMETRIC SUMMARY

YEARS

June
Month

PAGE 1 1800-2000
FOIMS (L. S. T.)

PSYCHROMETRIC SUMMARY

65-70, 73-79

1112

STATION

STATION NAME

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SPORTS

PAGE 2

1633-2545

4630-230
4630-230

[illegible]

PSYCHROMETRIC SUMMARY

JUN
1974

PAGE 1 2170-2300
FBI (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 77												.1							4	4															
68/ 75								.2	.1	.4	.1			.1	.1				11	11															
67/ 73							.1	.2	.3	.2	.1								6	5															
67/ 71						.1	.6	.3	.3	1.0	.2								31	31															
67/ 69					.1	.5	1.6	1.2	.4	.3	.1	.1							43	43															
65/ 67					.4	1.7	2.3	1.9	.9	.3	.1								69	69															
65/ 65					.7	1.8	2.1	1.3	1.0	.1									62	62															
64/ 63				.4	1.2	2.2	1.7	.9	.8										65	65															
62/ 61			.3	.7	2.1	1.6	1.3	1.1	.1	.1									65	65	3														
62/ 59			.4	1.6	2.7	2.0	1.7	.4	.4										33	83	29														
62/ 57	.1	.2	.9	1.7	2.7	2.2	1.1	.2	.1										83	63	65	1													
58/ 55		.2	1.2	1.7	2.7	1.3	.2	.1	.1	.1									67	67	91	17													
54/ 53		.7	1.1	1.2	1.3	1.2	.6	.1											56	56	107	30													
52/ 51	.1	.6	1.7	1.8	1.4	1.3	.1	.2											63	63	114	46													
50/ 49	.4	.2	.6	2.1	2.2	1.2		.2	.1										63	63	123	81													
48/ 47		.2	.7	1.6	1.4	.3													38	38	77	90													
46/ 45	.1	.1	1.9	2.1	.2			.1											41	41	66	87													
44/ 43		.1	1.1	1.6	.1		.1												27	27	59	61													
42/ 41		.3	.4	.3	.2														12	12	71	94													
40/ 39		.4	.6	.1															10	10	53	76													
38/ 37		.1																	1	1	24	65													
36/ 35																						73													
34/ 33																					3	56													
32/ 31																					1	53													
30/ 29																						24													
28/ 27																						11													
26/ 25																						7													
24/ 23																						2													
22/ 21																						2													
20/ 19																						2													
18/ 17																						2													
16/ 15																						1													
12/ 11																						4													
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0\text{ F}$	$\leq 32\text{ F}$	$\leq 67\text{ F}$	$\leq 73\text{ F}$	$\leq 80\text{ F}$	$\leq 93\text{ F}$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

ALL

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

68-72, 73-79

JUL

PAGE 1 0300-0500
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

68-70, 73-79

YEARS

JUL
MONTH

PAGE 1 0900-1100
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
89/ 89																		1						
88/ 87																		5						
85/ 85																		19	19					
84/ 83																		29	29					
82/ 81																		51	51					
81/ 79																		60	60					
80/ 77																		97	97					
80/ 75																		103	103					
74/ 73																		96	96					
70/ 71																		89	89					
67/ 69																		94	94					
63/ 67																		86	86					
65/ 65																		57	57	14				
64/ 63																		48	48	56				
61/ 61																		34	34	129	2			
59/ 59																		20	20	154	13			
57/ 57																		15	15	158	19			
55/ 55																		16	16	129	23			
53/ 53																		5	5	117	55			
52/ 51																		5	5	89	91			
50/ 49																		2	2	34	103			
48/ 47																		2	2	23	115			
46/ 45																				14	135			
44/ 43																					4	95		
42/ 41																						4	90	
40/ 39																						1	66	
38/ 37																							45	
36/ 35																							27	
34/ 33																							23	
32/ 31																							15	
30/ 29																							5	
28/ 27																							2	
26/ 25																							1	
22/ 21																							1	
Element (X)	Σx ²		Σx		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 10 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

HOURS (L. S. T.)

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

JUL
MONTH

PAGE : 1233-1436
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

66-70, 73-79

JUL
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
3 / 25																					11				
28 / 27																					0				
25 / 25																					3				
24 / 23																					2				
19 / 19																					1				
18 / 17																					1				
TOTAL		.3	.4	.3	.3	1.2	2.4	3.6	7.8	10.3	14.1	14.1	13.1	13.9	10.8	5.9	1.9		929	930	929				
																			929						

PSYCHROMETRIC SUMMARY

63-70, 73-79

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

JSAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

 JUL
MONTH

PAGE 2

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 25																						14
2 / 27																						18
3 / 25																						5
4 / 23																						2
5 / 21																						5
6 / 19																						4
TOTAL		.1	.2	.8	.4	.8	1.1	2.7	4.7	7.2	11.9	12.4	11.9	10.5	14.0	13.1	8.3		937		937	930
																		937		937		

PSYCHROMETRIC SUMMARY

444

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

65-72, 73-74

444

PAGE 2 1005-2700
1005-2700

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD CA
STATION STATION NAME

68-72, 73-79
YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
80/ 80																									
79/ 79																									
78/ 77																									
76/ 75																									
74/ 73																									
72/ 71																									
70/ 69																									
68/ 67																									
66/ 65																									
64/ 63																									
62/ 61																									
60/ 59																									
58/ 57																									
56/ 55																									
54/ 53																									
52/ 51																									
50/ 49																									
48/ 47																									
46/ 45																									
44/ 43																									
42/ 41																									
40/ 39																									
38/ 37																									
36/ 35																									
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
TOTAL	1.3	3.7	7.1	14.5	20.0	20.9	16.5	10.8	3.7	1.3	.6	.2						929	929	929					
Element (X)	Σx'		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Re. lum.	260915		47933		51.5		12.105		929		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total		
Dry Bulb	442311		50913		65.6		7.218		929						45.3		15.4		1.3				93		
Wet Bulb	2812092		50612		54.7		4.969		929						.2								93		
Dew Point	2443480		43220		46.5		5.942		929				1.5										92		

USAFETAC FORM 0-26-5 (OLM) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

68-70, 73-79

 JUL
MONTH

PAGE 3

ALL

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

ALL

HOURS (L. S. T.)

FORM 0-26.5 (O.L.A.)

USAFETAC FORM 0.26-5 (O- A)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0000-0210
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

AUG

MONTH

0300-0500
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

1600-5300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1 5903-1150
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

 AUG
MONTH

PAGE 2 0950-1120
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

AUG

STATION NAME

YEAR:

MONTH

1200-1400

12 15 141
HOURS (L - S - T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

205
MONTH

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
27																					9	
26																					15	
25																					6	
24																					1	
23																						
22																						
21																						
20																						
19																						
18																						
17																						
16																						
15																						
14																						
13																						
12																						
11																						
10																						
9																						
8																						
7																						
6																						
5																						
4																						
3																						
2																						
1																						
TOTAL		.9	1.1	1.5	3.3	3.1	5.4	5.2	8.5	8.1	9.5	14.3	12.9	13.3	8.1	4.1	1.4		930	930	930	930

Element (X)	Z _g ¹	Z _g	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	1.66387	28669	37.8	14.320	930	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	5517989	71089	76.4	9.507	930			76.8	63.7	40.6	1.9	93
Wet Bulb	2992293	52577	56.8	4.626	930			1.6				93
Dew Point	1622497	38336	41.2	6.742	930		9.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236
STATION

KINGSLEY FIELD OR
STAT JN NAME

68-77, 73-79
YEARS

AUG
MONTH

PAGE 1 1570-1700
HOURS (L. S. ...)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
99																	.3	2	2					
97																	.6	7	7					
95																	.9	11	11					
93																	1.2	22	22					
91																	1.5	21	21					
89																	1.8	64	64					
87																	2.1	92	92					
85																	2.4	96	96					
83																	2.7	82	82					
81																	3.0	62	62					
79																	3.3	78	78					
77																	3.6	56	56					
75																	3.9	42	42					
73																	4.2	47	47					
71																	4.5	41	41					
69																	4.8	29	29					
67																	5.1	39	39		2			
65																	5.4	21	21		9			
63																	5.7	23	23		39			
61																	6.0	35	35		114			
59																	6.3	22	22		2			
57																	6.6	13	13		8			
55																	6.9	14	14		10			
53																	7.2	4	4		21			
51																	7.5	2	2		19			
49																	7.8	1	1		31			
47																	8.1	3	3		50			
45																	8.4	1	1		80			
43																	8.7				83			
41																	9.0				125			
39																	9.3				108			
37																	9.6				100			
35																	9.9				85			
33																	10.2				74			
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-20-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

YEARS

ALG
MONTH

PAGE 7 1570-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
31																						57
30																						55
29																						47
28																						16
27																						6
26																						1
25																						1
24																						1
23																						1
22																						1
21																						1
20																						1
19																						1
18																						1
17																						1
16																						1
15																						1
14																						1
13																						1
12																						1
11																						1
10																						1
9																						1
8																						1
7																						1
6																						1
5																						1
4																						1
3																						1
2																						1
1																						1
0																						1
TOTAL		1.1	1.4	1.1	2.2	3.4	3.3	4.3	5.7	7.2	6.8	7.4	11.3	14.9	11.9	11.8	5.8		937	937	937	937

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	940335	26745	28.0	15.065	930	≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5615544	72928	78.4	10.204	930			79.1	68.2	49.9	4.2	93
Wet Bulb	3604217	52695	56.7	4.457	930			1.1				93
Dew Point	1514006	36978	39.8	6.860	930		13.4					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

54236 KINGSLEY FIELD OP
STATION STATION NAME

66-70, 73-79
YEARS

AUG
MONTH

PAGE 1 1800-7800
HOURS (S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
66/ 66																	.2	.1	3	3																
67/ 67																	.1	.1	2	2																
68/ 68																	.3	.1	5	5																
69/ 69																	.4	.1	5	5																
70/ 70																	.5	.1	22	22																
71/ 71																	.2	.3	24	24																
72/ 72																	.4	.5	42	42																
73/ 73																	.5	.1	65	65																
74/ 74																	.6	.4	61	61																
75/ 75																	.7	.4	76	76																
76/ 76																	.8	.3	73	73																
77/ 77																	.9	.3	66	66																
78/ 78																	.1	.3	69	69																
79/ 79																	.2	.3	65	65																
80/ 80																	.3	.1	63	63	4															
81/ 81																	.4	.1	48	48	15															
82/ 82																	.5	.1	38	38	31															
83/ 83																	.6	.1	44	44	75	1														
84/ 84																	.7	.1	40	40	134	1														
85/ 85																	.8	.1	31	31	151	6														
86/ 86																	.9	.1	34	34	127	13														
87/ 87																	.1	.1	21	21	125	35														
88/ 88																	.2	.1	22	22	106	53														
89/ 89																	.3	.1	4	4	76	86														
90/ 90																	.4	.1	2	2	53	96														
91/ 91																	.5	.1	2	2	23	108														
92/ 92																	.6	.1			11	128														
93/ 93																	.7	.1				108														
94/ 94																	.8	.1				91														
95/ 95																	.9	.1				68														
96/ 96																	.1	.1				57														
97/ 97																	.2	.1				39														
98/ 98																	.3	.1				29														
99/ 99																	.4	.1				7														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature							Total																							
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 44 0-26-5 (OL A) REVISD WITHOUT INQUIRY OF THE FORM AND OBSOLETE

PSYCHROMETRIC SUMMARY

68-70, 73-79

493

PAGE 2 1863-2000
10/23/01 1:11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

68-70, 73-79

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83										.1	.1				.1				3	3				
82/ 81										.1	.3			.1					6	6				
80/ 79										.1	.2	.1	.4						8	8				
78/ 77					.1				.1	.6	.4	.3	.1						16	16				
76/ 75									.4	1.1	.9	.4							26	26				
74/ 73							1.0	1.5	1.3	.9									43	43				
72/ 71						.3	1.3	2.7	1.2	.3									52	52				
70/ 69				.1	.1	.8	1.9	2.8	1.0	.1	.1								64	64	1			
68/ 67				.1	.1	1.2	3.1	3.0	.1										73	73	1			
66/ 65				.2	.9	1.3	3.4	2.3	.4	.1									80	80	4			
64/ 63			.3	.2	1.5	2.8	2.8	1.9	.3	.2	.2								96	96	7			
62/ 61			.1	.8	1.7	2.4	1.3	1.4	.1	.2									74	74	37			
60/ 59		.2	.5	1.2	2.5	2.9	1.7	.3		.1									88	88	60			
58/ 57		.2	.5	1.7	2.3	1.3	1.2	.1											68	68	103			
56/ 55		.3	1.6	1.5	2.3	1.0	.1	.1											64	64	129			
54/ 53		.6	1.2	1.1	1.1	.6													43	43	129			
52/ 51		.6	1.6	.8	1.0	.8													42	42	129			
50/ 49		.9	1.7	1.1	.6	.1													41	41	121			
48/ 47		.6	1.4	.2	.2	.1													26	26	82			
46/ 45		.5	.2	.4															11	11	63			
44/ 43		.4	.2																6	6	44			
42/ 41																				16	90			
40/ 39																				7	74			
38/ 37																				1	39			
36/ 35																					44			
34/ 33																					26			
32/ 31																					10			
30/ 29																					2			
28/ 25																					3			
24/ 23																					2			
22/ 21																					3			
20/ 19																					1			
TOTAL		4.7	9.5	9.4	14.3	15.3	17.6	16.8	6.8	3.8	1.6	.2		.1					930	930	930			
Element (X)	Σx ²		Σx		Σ		Σ ₂		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	2971316		50652		54.9		15.127		930		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	3666466		57902		62.3		8.135		930						29.1		10.2		1.2				93	
Wet Bulb	2580236		48750		52.4		5.166		930						.2								93	
Dew Point	1881828		41478		44.6		5.861		930				2.1										93	

PSYCHROMETRIC SUMMARY

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

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ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 1 3000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

04236	KINGSLEY FIELD OR
STATION	STATION

65-70, 73-79

550

PAGE 1 0600-0800
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

68-70, 73-79

SEP

PAGE : 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
82/ 61																					2	2			
81/ 79																					4	4			
79/ 77																					13	13			
75/ 75																					21	21			
74/ 75																					48	48			
72/ 71																					42	42			
71/ 69																					54	84			
69/ 67																					74	74			
66/ 65																					88	88			
64/ 63																					87	67			
62/ 61																					76	76	14		
61/ 59																					77	77	35		
59/ 57																					64	64	42	2	
56/ 55																					60	60	99	9	
54/ 53																					47	47	139	23	
52/ 51																					43	43	138	22	
51/ 49																					29	29	148	35	
48/ 47																					15	15	94	71	
46/ 45																					13	13	84	96	
44/ 43																					5	5	55	94	
42/ 41																					2	2	20	91	
41/ 39																							12	103	
38/ 37																							11	118	
36/ 35																							3	72	
34/ 33																							3	59	
32/ 31																									
31/ 29																									
29/ 27																									
26/ 25																									
24/ 23																									
22/ 21																									
21/ 19																									
16/ 15																									
14/ 13																									
Element (X)	Σ X ²			Σ X			Σ			Σ			Σ			Σ			Σ			Σ			
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONIN

PAGE 2

1255-1450
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

4236

KINGSLEY FIELD OR

66-72, 73-79

552

STATION

STATION NAME

STARS

MONTH

PAGE 1 1500-1700

MOUSE (L. S. T.)

PSYCHROMETRIC SUMMARY

VIAS

SEP
1974

PAGE 2 153G-1700
MORRIS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
25																						25										
24																						24										
23																						23										
22																						22										
21																						21										
20																						20										
19																						19										
18																						18										
17																						17										
16																						16										
15																						15										
14																						14										
13																						13										
12																						12										
11																						11										
10																						10										
TOTAL		.3	1.1	2.7	2.8	5.9	3.4	5.8	5.7	8.2	10.2	14.2	12.3	12.4	7.8	4.4	2.1		900	900	900											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

68-70,73-79
YEARS

SEP
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
88/ 87																	.1	1	1						
84/ 83														.1	.2	.2		5	5						
82/ 81												.1	.1	.6	.1	.1		9	9						
80/ 79										.2	.2	.7	.2	.6				17	17						
78/ 77								.1	.2	.9	.8	.7	.4	.2				30	30						
76/ 75								.1	.6	1.0	1.0	.8	.2	.1				34	34						
74/ 73								.6	1.1	2.0	1.6	.6	.4					56	56						
72/ 71						.1	.6	1.4	2.1	1.7	1.3	.1	.1					67	67						
70/ 69						.3	.9	1.1	2.7	1.2	.6	.2						63	63						
68/ 67						.4	1.7	3.0	2.8	1.7	.6							91	91						
66/ 65					.1	.4	1.8	2.7	2.0	.7	.2							71	71						
64/ 63					.4	1.8	3.3	1.1	1.4	.8	.3							83	83	4					
62/ 61			.1	.2	.8	1.6	2.9	1.8	.3	.3								71	71	7					
60/ 59			.3	.2	1.2	2.3	1.9	.4	.4	.3								65	65	36					
58/ 57				.8	1.1	1.6	.8	.8	.1	.1								47	47	84					
56/ 55			.1	1.4	1.1	1.4	.8	.3	.3									50	50	91					
54/ 53		.3	.6	.8	1.4	1.2		.1	.3									43	43	143					
52/ 51	.1	.4	.6	.6	.9	.8		.1										31	31	147					
50/ 49	.1	.6	.2	1.2	.9	.1			.1									29	29	152					
48/ 47		.6	.6	.2	.1													13	13	68					
46/ 45		.3	.7	.4	.1			.1										15	15	67					
44/ 43		.1	.1	.1														3	3	53					
42/ 41		.1	.2	.2														5	5	22					
40/ 39			.1															1	1	14					
38/ 37																				6					
36/ 35																				4					
34/ 33																				1					
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
24/ 23																									
22/ 21																									
20/ 19																									
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 183U-2000
HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

66-70, 73-79

YEARS

SEP
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71																									
71/ 59						.4	.7	.8	.3																
68/ 67					.2	.3	.9	1.1	.3	.1															
66/ 65					.9	.8	1.1	.9	.1	.2															
64/ 63				.3	.8	.9	2.7	.8	.6	.4															
62/ 61			.1	.4	1.3	3.0	1.6	1.0	.7																
60/ 59			.3	1.1	2.3	3.1	2.7	.7	.6	.1															
58/ 57			.1	1.9	4.0	2.0	1.7	.3	.2	.3															
56/ 55		.1	.9	2.2	3.1	2.2	1.0	.6		.1															
54/ 53		.1	1.2	1.9	3.6	1.3	.3	.3																	
52/ 51	.4	.2	1.3	2.0	3.6	.8	.6	.4																	
50/ 49		1.6	2.2	3.4	1.3	1.0	.3	.1																	
48/ 47	.1	.7	1.8	1.4	1.2	.2	.3																		
46/ 45	.1	1.0	1.2	1.0	.7		.1	.2																	
44/ 43	.2	.1	1.4	.3	.4		.2																		
42/ 41	.2	.4	.3	.2																					
40/ 39	.1	.8	.2																						
38/ 37		.3	.6																						
36/ 35		.1																							
34/ 33																									
32/ 31																									
30/ 29																									
28/ 27																									
26/ 25																									
24/ 23																									
22/ 21																									
20/ 19																									
18/ 17																									
16/ 15																									
14/ 13																									
12/ 11																									
10/ 9																									
TOTAL	.9	5.5	11.8	16.2	23.5	16.1	14.1	7.3	2.9	1.3	.2	.1													
Element (X)	Σx'			Σx			Σ			Σ _x			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.	3224944			51984			57.8			15.617			899			≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	2799642			49782			55.4			6.917			899					4.9				90			
Wet Bulb	239677			42571			47.4			5.148			899									90			
Dew Point	1465787			35739			39.8			7.080			899				12.3					90			

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 OCT
MONTH 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

957

MONITOR

PAGE 1

0930-1100

HOURS 11. 5. 7.

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

GCT

MONTH

1200-1400
MORRIS H. S. I. I.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
86/ 85																	.2	2	2																
84/ 83																	.3	3	3																
82/ 81														.2	.2	.3		7	7																
81/ 79												.3	.2	.2	.3			8	8																
78/ 77											.2	.8	.6	.2				17	17																
76/ 75										.4	.5	.8	.6	.1				20	20																
74/ 73									.1	.5	1.1	.9	.3					33	33																
72/ 71									.3	2.4	.9	1.2	.2					48	48																
71/ 69						.1		.4	1.8	1.6	1.2	.4	.1					53	53																
69/ 67							.2	.6	1.2	1.6	.9	.3	.2					47	47																
66/ 65					.1	.3	1.2	1.3	.3	.6	.4							44	44																
64/ 63						.2	1.3	2.7	1.2	1.1	.8	.1						68	68																
62/ 61					.2	.6	1.5	1.6	.9	.6	.3							54	54																
61/ 59					.3	1.4	2.2	.4	1.0	1.1								58	58	3															
58/ 57				.1	.9	1.5	1.5	1.3	.6	.1								56	56	10															
56/ 55					1.0	1.4	1.2	1.4	.3	.1								54	54	54															
54/ 53			.1	.6	1.6	1.6	1.3	.3	.2									54	54	93															
52/ 51		.2	.6	.8	1.0	1.4	1.6	1.2										63	63	82															
50/ 49		.1	.5	1.4	1.9	1.5	.6	.1										58	58	124															
48/ 47		.1	.9	1.4	1.7	1.2	.4											53	53	105															
45/ 45		.1	.8	2.3	1.6	.3	.1											48	48	83															
44/ 43		1.1	1.2	1.3	1.0	.1												43	43	95															
42/ 41		1.1	.5	.3	.4													26	26	105															
41/ 39		.2	.2	.4														8	8	103															
38/ 37		.2																2	2	44															
35/ 35																				18															
34/ 33																				8															
32/ 31																																			
31/ 29																				70															
28/ 27																				66															
26/ 25																				45															
24/ 23																				23															
22/ 21																				28															
20/ 19																				22															
Element (X)	Σx'	Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.										≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
12/ 17																					12				
13/ 16																					5				
14/ 15																					1				
15/ 14																					1				
TOTAL		3.1	4.9	9.1	11.7	11.5	12.7	11.3	9.6	9.5	7.5	5.2	2.6	.9	.4	.4		927	927	927	927				
																</									

YEARS

303

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

957

MONTH

1500-1700

MAINS (I - S - T -)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

60

PAGE 1 1620-2000
MAY 11 1964

[illegible]

PSYCHROMETRIC SUMMARY

OCT

YEARS

1875-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1. / 11																					1	
/ S																					2	
8 / ?																					1	
TOTAL	.2	9.0	17.2	17.4	15.5	12.7	11.2	7.1	6.1	2.3	1.5	.1	.1		.1				927		927	
																			927		927	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

58-79, 73-79

OCT
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
7 / 59																					
65 / 67																					
66 / 55																					
64 / 63																					
62 / 61																					
6 / 59																					
58 / 57																					
56 / 55																					
54 / 53																					
52 / 51																					
5 / 49																					
48 / 47																					
46 / 45																					
44 / 43																					
42 / 41																					
4 / 39																					
38 / 37																					
36 / 35																					
34 / 33																					
32 / 31																					
3 / 29																					
26 / 27																					
25 / 25																					
24 / 23																					
22 / 21																					
2 / 19																					
16 / 17																					
16 / 15																					
14 / 13																					
10 / 9																					
TOTAL	.5	24.1	25.6	21.1	15.6	5.9	4.1	1.9	1.0	.1								927	927	927	
																		927	927		
Element (X)	Σx ²		Σx		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature								
Rel. Hum.	4404075		62259		67.2		15.506		927		≥ 0 F		≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	1861636		40966		44.2		7.441		927				3.4	.4				93			
Wet Bulb	1447915		36267		39.1		5.600		927				9.9					93			
Dew Point	1058848		30774		33.2		6.341		927				42.3					93			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

 OCT
MONTH

STATION

STATION NAME

YEARS

MONTH

ALL

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
19																					2	156
18																						83
17																						38
16																						11
15																						5
14																						4
13																						1
12																						1
11																						1
10																						1
9																						1
8																						1
7																						1
6																						1
5																						1
4																						1
3																						1
2																						1
1																						1
TOTAL	2.1	21.1	20.1	15.3	10.7	7.6	6.4	4.5	3.9	3.1	1.9	1.4	1.0	.5	.2	.1	.1		7415		7415	
																			7415		7415	

PSYCHROMETRIC SUMMARY

NOV
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

$$\frac{\text{NCV}}{\text{MONTH}}$$

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	3.1	18.1	21.7	19.4	13.3	11.6	7.1	3.7	2.3	.2	.3							898	898	898	898	

J5AFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR
STATION STATION NAME

65-70, 73-79

YEARS

NOV
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2150-259C

2423-252
HOURS 11-5-7-1

[illegible]

PSYCHROMETRIC SUMMARY

NOV

ALL

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

NCV
MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]

USAFETAC
FORM
NN 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

DEC
MONTH

1000-0200

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

67-70, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

760-0802
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point						
47/ 47			.1															1	1								
46/ 45		.4	.5															9	9								
44/ 43		1.9	.5	.1														23	23	8	3						
42/ 41		1.3	1.5	.4														30	30	20	6						
40/ 39	.2	2.6	1.3															38	38	28	19						
38/ 37	.1	2.4	1.3	.1														41	41	35	22						
36/ 35	1.1	3.3	1.3	.2	.1													52	52	49	32						
34/ 33	.8	6.1	1.4	.4		.3												64	64	67	45						
32/ 31	3.2	4.9	1.5	.2														92	92	91	98						
30/ 29	2.7	5.1	1.4	.1														86	86	91	72						
28/ 27	1.7	4.8	.8															60	60	84	64						
26/ 25	1.9	3.1	.3															50	50	67	68						
24/ 23	1.6	3.5																48	48	51	52						
22/ 21	1.1	3.5	.1															44	44	45	53						
20/ 19	1.6	5.7	.2															70	70	51	63						
18/ 17	1.4	2.9	.1															41	41	62	51						
16/ 15	1.2	2.9	.1															39	39	47	33						
14/ 13	1.3	2.4	.1															35	35	26	44						
12/ 11	1.1	2.3																30	30	36	49						
10/ 9	.1	.9	.2															13	13	21	34						
8/ 7	.6	.3																9	9	16	24						
6/ 5	.7	.1																11	11	12	24						
4/ 3	.6	.1																7	7	7	18						
2/ 1	.3	.3																6	6	6	17						
0/ -1	1.																	9	9	10	9						
-2/ -3		.1																1	1	1	8						
-4/ -5	.1																	1	1	1	5						
-6/ -7																					4						
-8/ -9																					4						
-10/ -11																					1						
-12/ -13																					1						
TOTAL	24.460	313.7	1.6	.1	.3														930	930		930					
																		930		930							
Element (X)	Σx ²	Σx	Σ	Σ _x	No. Obs.	Mean No. of Hours with Temperature							Total														
Rel. Hum.	6453148	76838	82.6	10.615	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb	744931	24619	26.5	10.017	930	1.1	65.2					93															
Wet Bulb	668468	23286	25.0	9.589	930	1.2	72.2					93															
Dew Point	545408	20218	21.7	10.675	930	3.2	80.1					93															

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94286 KINGSLEY FIELD OR

67-70, 73-78

OFC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
-4/ 53																						1	1			
2/ 51			.3	.5	.1	.1	.1	.2														13	13			
5 / 49		.3	.6	.4	.2		1.0	.2														26	26			
48/ 47		.3	1.8	.8	.4	.8	1.1															47	47	7	1	
45/ 45		.8	1.5	1.7	.2	1.4	.2	.1														53	53	20	6	
44/ 43		.9	1.1	1.5	1.1	1.7	.2															53	53	26	7	
42/ 41		1.1	2.5	2.7	1.6	1.0																78	78	35	23	
41 / 39	.1	2.6	3.1	2.3	1.3	.5																92	92	51	29	
35/ 37	.4	2.4	4.7	1.7	1.3																	91	91	91	31	
35/ 35	1.6	2.8	3.9	.8	.1																	85	85	133	49	
34/ 33	.9	4.7	2.4	1.1	.2	.1																87	87	122	71	
32/ 31	.9	3.9	2.3	.3	.1	.1																70	70	111	94	
37 / 29	.9	2.6	4.5	.6	.1																	81	81	79	77	
26/ 27	1.2	2.6	.8	.5	.2																	49	49	35	91	
23/ 25	.4	2.2	.2	.1																		27	27	51	83	
23/ 23	.4	.9	.4																			16	16	30	83	
22/ 21	.1	1.3	.1	.3																		14	14	14	89	
21 / 19	.1	1.8	.1	.1																		20	20	22	51	
16/ 17	.4	1.2	.1																			16	16	24	43	
16/ 15		.8	.1																			8	8	13	29	
16/ 13		.2																				2	2	6	32	
12/ 11	.2																					2	2	2	14	
11 / 9	.1																					1	1	1	5	
8/ 7																									8	
6/ 5																									1	
4/ 3																									5	
2/ 1																									5	
1 / -1																									3	
TOTAL	7.7	32.6	29.8	15.5	6.3	4.9	2.5	.5		.1												930	930	930	930	
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	4960675		66083		71.1		16.890		930		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total			
Dry Bulb	1249406		33256		35.8		8.050		930				30.6										93			
Wet Bulb	1001103		29847		32.1		6.820		930				44.8										93			
Dew Point	713601		24611		26.5		8.190		930				71.3										93			

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

82010

PSYCHROMETRIC SUMMARY

DEC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
47/ 53				.4	.4			.4										3	3				
52/ 51			.1	.2	.3		.4	.5										13	13				
57/ 49		.3	.4	.6	.4		1.2	.1										26	26	2			
60/ 47		.4	1.4	.8	.3	.8	.6	.4										41	41	7			
45/ 45		.2	1.6	1.7	.2	1.1	.3											48	48	9			
47/ 43		.9	1.7	1.4	1.7	.3	.2											44	44	28			
42/ 41		1.9	2.6	1.3	1.4	.5												72	72	39			
47/ 39	.2	2.3	3.2	2.6	1.2	.2												93	90	60			
38/ 37	1.2	2.4	4.0	2.5	.5													98	98	86			
38/ 35	1.1	4.0	5.1	1.3	.4	.3												113	113	105			
34/ 33	1.1	3.6	2.6	.5	.1	.1												73	73	147			
32/ 31	.8	2.5	3.7	1.0	.2													75	75	96			
27/ 29	.6	3.3	3.3	.3		.1												75	75	85			
28/ 27	.6	3.6	.9	.2	.1													50	50	87			
26/ 25	.5	1.5	.9	.3														31	31	68			
24/ 23	.2	1.9	.3	.1														24	24	31			
22/ 21	.3	1.0	.3															15	15	26			
21/ 19		1.9																18	18	22			
15/ 17	.1	.9	.2															11	11	13			
16/ 15		.2																2	2	8			
14/ 13	.1	.2																3	3	4			
12/ 11	.1																	1	1	3			
11/ 9	.1																	1	1	1			
8/ 7	.1																	1	1	1			
6/ 5																							
4/ 3																							
2/ 1																							
1/ -1																							
-1/ -3																							
-4/ -5																							
TOTAL	7.232	.831	.815	.6	5.8	3.4	2.8	.9										528	928	928			
Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	4958026	66030	71.2	16.741	928	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F												
Dry Bulb	1237798	33113	35.7	7.790</																			

PSYCHROMETRIC SUMMARY

67-70, 73-79

DEF

PAGE 1 1870-2030

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 WINGSLEY FIELD OR

67-70, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po				
51/ 51			.3																	3	3				
50/ 49			.1																	1	1				
49/ 47			.1																	1	1	3			
48/ 45			.5	.4	.2	.1														12	12	1			
47/ 43		1.4	1.1	.1	.4	.2														30	30	9			
46/ 41		1.3	1.2	.2	.3															28	28	18			
45/ 39	.1	2.3	1.3	.1	.1															36	36	32			
38/ 37	.2	1.5	3.7	.3	.1	.1														55	55	31			
36/ 35	1.6	5.7	1.7	.1	.1															86	86	70			
34/ 33	2.1	6.1	1.8	.5																98	98	109			
32/ 31	1.4	4.1	1.8	.2	.1															71	71	80			
29/ 29	1.6	5.9	2.7	.4																93	93	83			
28/ 27	1.4	4.3	2.5	.1																77	77	97			
26/ 25	.6	3.9	3.5																	74	74	61			
24/ 23	1.1	3.9	.8	.3																53	53	79			
22/ 21	.5	3.8	.8	.2																49	49	69			
20/ 19	.5	3.5	.5																	42	42	55			
18/ 17	1.2	1.7	.3	.1																31	31	39			
16/ 15	.8	1.2	.2																	20	20	24			
14/ 13	.8	1.2	.6																	25	24	24			
12/ 11	.1	1.1																		13	10	12			
10/ 9	.4	.9																		11	11	17			
8/ 7	.2	.9																		10	10	12			
6/ 5																									
4/ 3	.3																			3	3	3			
2/ 1	.3	.2																		5	5	4			
0/ -1	.4																			4	4	5			
-2/ -3																									
-4/ -5																									
-6/ -7																									
TOTAL	15.6	55.1	24.8	2.8	1.1	.3														927	927	927			
																						927	927		
Element (X)	Σx'		Σx		X		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	6029735		73921		79.1		12.679		927		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb	641932		26658		28.8		8.913		927		.4	57.9													
Wet Bulb	736985		24929		26.9		8.480		927		.5	65.7													
Dew Point	579022		21368		23.1		9.664		927		2.3	77.7													

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR
STATION STATION NAME

67-70, 73-78

YEARS

DEC
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
53/ 53			.0	.0	.0			.0		.0								7	7					
52/ 51			.2	.1	.0	.0	.0	.0										34	34					
51/ 49		.1	.2	.1	.0			.0										63	63	4				
50/ 47		.1	.6	.2	.1	.2	.2	.0	.0									110	110	26	4			
49/ 45		.9	.9	.6	.1	.4	.1	.0										181	181	41	22			
48/ 43	.1	1.1	.9	.5	.4	.2	.1											240	240	108	26			
47/ 41	.1	1.7	1.5	.9	.4	.2	.0											356	356	190	95			
46/ 39	.2	2.2	2.2	.8	.4	.1												439	439	321	161			
39/ 37	.3	2.3	3.3	.9	.4	.0												516	516	369	242			
38/ 35	1.4	4.4	2.7	.7	.1	.1												690	690	639	288			
37/ 33	1.2	5.7	1.8	.7	.1	.1												712	712	841	492			
32/ 31	1.7	4.5	2.4	.4	.1	.0												690	690	754	736			
29/ 29	1.5	4.3	2.5	.3	.0	.0												648	648	695	599			
28/ 27	.5	4.3	1.2	.1	.1													535	535	714	596			
25/ 25	1.2	3.2	1.2	.1														428	428	571	606			
24/ 23	.8	2.9	.4	.1														310	310	411	561			
22/ 21	.7	2.8	.3	.1														290	290	345	534			
20/ 19	.7	3.1	.3	.1														308	308	317	526			
18/ 17	.9	1.7	.2	.0														204	204	278	412			
16/ 15	.7	1.4	.3															173	178	213	327			
14/ 13	.6	1.3	.2															156	156	154	283			
12/ 11	.5	1.0	.1															119	119	147	207			
9/ 9	.3	.6	.0															73	73	95	171			
8/ 7	.4	.3	.0															49	49	75	143			
5/ 5	.3	.1																31	31	39	102			
4/ 3	.2	.1																24	24	25	32			
2/ 1	.2	.1																23	23	21	79			
1/ -1	.2																	18	18	23	56			
-1/ -3	.1	.0																3	3	3	29			
-4/ -5	.1																	4	4	4	22			
-6/ -7	.0																	2	2	2	13			
-8/ -9	.0																	1	1	1	8			
-10/-11																					5			
-12/-13																					1			
Element (X)	Σx^2		Σx		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.													± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 44 0-26-5 (OL A) STATION WITHOUT RECORD OF THIS FORM AIR OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC
MONIN

PAGE 2

ALL

ALL
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
MAY 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P. in														
59																		2	2																
60																		11	11																
61																		49	49																
62																		51	51																
63																		164	164																
64																		311	311																
65																		516	516																
66																		616	616																
67																		846	846																
68																		937	937																
69																		1122	1122																
70																		1206	1206																
71																		1289	1289																
72																		1444	1444																
73																		1557	1557	2															
74																		1685	1685	14	2														
75																		1777	1778	57															
76																		1803	1803	206	4														
77																		2139	2139	602	2														
78																		2241	2248	1427	14														
79																		2544	2544	2271	89														
80																		2725	2725	3049	150														
81																		2832	2832	3405	357														
82																		2925	2925	4029	835														
83																		3106	3106	4067	1573														
84																		3396	3396	4454	2227														
85																		3458	3458	4007	2969														
86																		3700	3700	4367	3763														
87																		3779	3779	4565	4119														
88																		3976	3977	4853	4689														
89																		4522	4525	5208	4936														
90																		4413	4413	5368	5369														
91																		4535	4535	5669	6304														
92																		4408	4408	5951	6318														
Element (X)	Σx^2		Σx		\bar{x}		σ_x		No. Obs.		Mean No. of Hours with Temperature																								
Ref. Num.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94236 KINGSLEY FIELD OR

67-72, 73-79

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
32/31	.5	2.4	1.5	.3	.1	.												4198	4198	5114	733				
31/29	.5	1.9	1.2	.2	.1	.1												3282	3282	4523	625				
30/27	.4	1.8	.5	.1	.	.												2453	2453	4038	573				
29/26	.3	1.2	.4	.1	.	.												1801	1801	2639	516				
28/25	.2	.9	.2	.	.	.												1214	1214	1828	407				
27/24	.2	.9	.1	.	.	.												1047	1047	1380	375				
26/23	.1	.7	.1	.	.	.												839	840	1076	312				
25/22	.2	.5	.	.	.	.												607	607	827	216				
24/21	.2	.3	.	.	.	.												497	497	616	167				
23/20	.1	.3	.	.	.	.												380	380	420	122				
22/19	.1	.2	.	.	.	.												340	340	380	87				
21/18	.1	.2	.	.	.	.												259	259	315	64				
20/17	.1	.1	.	.	.	.												178	178	239	50				
19/16	.1	.1	.	.	.	.												106	106	132	35				
18/15	.1	.1	.	.	.	.												107	107	95	25				
17/14	.1	.1	.	.	.	.												59	59	58	24				
16/13	.1	.1	.	.	.	.												42	42	51	15				
15/12	.1	.1	.	.	.	.												20	20	23	10				
14/11	.1	.1	.	.	.	.												13	13	12	7				
13/10	.1	.1	.	.	.	.												10	10	13	5				
12/9	.1	.1	.	.	.	.												6	6	6	3				
11/8	.1	.1	.	.	.	.												5	5	5	1				
10/7	.1	.1	.	.	.	.															
9/6	.1	.1	.	.	.	.															
8/5	.1	.1	.	.	.	.															
7/4	.1	.1	.	.	.	.															
6/3	.1	.1	.	.	.	.															
5/2	.1	.1	.	.	.	.															
4/1	.1	.1	.	.	.	.															
3/0	.1	.1	.	.	.	.															
2/-1	.1	.1	.	.	.	.															
1/-2	.1	.1	.	.	.	.															
0/-3	.1	.1	.	.	.	.															
-1/-4	.1	.1	.	.	.	.															
-2/-5	.1	.1	.	.	.	.															
-3/-6	.1	.1	.	.	.	.															
-4/-7	.1	.1	.	.	.	.															
-5/-8	.1	.1	.	.	.	.															
-6/-9	.1	.1	.	.	.	.															
-7/-10	.1	.1	.	.	.	.															
-8/-11	.1	.1	.	.	.	.															
-9/-12	.1	.1	.	.	.	.															
-10/-13	.1	.1	.	.	.	.															
-11/-14	.1	.1	.	.	.	.															
-12/-15	.1	.1	.	.	.	.															
-13/-16	.1	.1	.	.	.	.															
-14/-17	.1	.1	.	.	.	.															
-15/-18	.1	.1	.	.	.	.															
-16/-19	.1	.1	.	.	.	.															
TOTAL	4.123	319.6	12.4	8.6	6.6	5.3	4.3	3.5	3.0	2.4	2.0	1.6	1.3	.9	.5	.3		87591		87582					
																		87582		87582					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

4236 KINGSLEY FIELD OR

57-70,73-79

STATION		STATION NAME												YEARS											
HRS (1ST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL											
0-32	MEAN	26.3	31.7	33.5	36.0	44.6	52.0	57.7	55.5	50.1	40.8	33.1	27.6	40.5											
	S.D.	10.534	6.554	6.582	6.721	7.778	7.479	7.044	7.183	6.657	7.179	7.803	9.570	13.066											
	TOTAL OBS.	930	846	930	900	930	900	930	930	849	926	900	930	10951											
3-35	MEAN	25.1	30.5	31.6	33.1	40.8	47.6	52.7	51.1	46.4	38.2	31.9	26.8	38.0											
	S.D.	11.073	6.922	6.774	6.694	7.188	6.964	6.425	6.550	5.478	7.093	8.242	9.816	11.961											
	TOTAL OBS.	930	846	924	900	930	900	930	930	900	927	900	930	10947											
5-38	MEAN	24.3	29.7	31.8	36.0	46.4	54.6	59.7	55.7	48.8	38.6	31.7	26.5	40.4											
	S.D.	11.473	7.282	6.972	7.148	8.375	7.956	7.192	7.857	7.478	7.415	8.283	10.317	14.357											
	TOTAL OBS.	930	846	929	900	930	900	930	930	900	927	900	930	10952											
7-11	MEAN	28.0	35.0	39.7	45.9	56.2	64.7	71.8	68.5	62.5	50.5	38.5	30.7	49.4											
	S.D.	10.761	6.988	7.746	7.739	9.509	9.210	7.249	8.479	7.789	8.425	7.571	8.834	16.882											
	TOTAL OBS.	929	846	929	900	930	900	930	930	899	927	900	930	10950											
12-16	MEAN	33.5	40.6	45.5	51.8	62.6	71.5	79.8	76.4	71.5	58.7	44.8	35.8	56.1											
	S.D.	9.121	7.566	9.088	8.879	10.621	9.946	7.746	9.507	9.139	10.248	8.312	8.050	18.075											
	TOTAL OBS.	930	846	930	900	930	900	930	930	900	927	900	930	10953											
18-17	MEAN	34.3	42.0	46.8	52.6	63.8	72.8	82.0	78.4	73.4	59.6	44.4	35.7	57.2											
	S.D.	8.355	8.020	9.568	9.428	11.197	10.456	7.892	10.204	9.515	11.080	8.650	7.790	18.732											
	TOTAL OBS.	930	846	930	900	930	900	930	930	900	927	898	928	10949											
18-23	MEAN	30.0	36.8	41.3	46.9	57.8	66.7	75.3	71.2	63.9	50.5	38.1	31.2	50.9											
	S.D.	8.897	6.292	8.085	8.767	10.546	10.094	8.287	9.786	8.619	8.858	7.150	7.994	17.547											
	TOTAL OBS.	930	846	929	900	930	900	930	930	900	927	897	927	10946											
21-23	MEAN	27.8	33.7	36.4	40.4	50.2	58.0	65.6	62.3	55.4	44.2	34.8	28.8	44.0											
	S.D.	9.980	6.008	6.688	6.884	8.730	8.340	7.218	8.135	6.917	7.401	7.342	8.913	14.869											
	TOTAL OBS.	930	846	929	900	930	900	929	930	899	927	896	927	10943											
ALL HOURS	MEAN	28.6	35.1	38.3	42.8	52.8	61.0	68.1	64.9	59.0	47.6	37.2	30.4	47.2											
	S.D.	10.648	8.191	9.551	10.531	12.306	12.433	12.537	12.869	12.524	11.742	9.326	9.560	17.277											
	TOTAL OBS.	7439	6768	7430	7200	7340	7200	7435	7440	7197	7419	7191	7432	87591											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94236 KINGLEY FIELD OR

67-70,73-79

STATION		STATION NAME												YEARS	
HRS (L...)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-02	MEAN	24.6	29.4	30.5	32.2	39.7	46.2	51.1	49.3	44.5	36.9	31.1	26.0	36.8	
	S D	9.955	6.148	6.009	5.679	6.445	6.155	5.224	5.132	5.391	5.769	7.213	9.095	11.086	
	TOTAL OBS	930	846	928	900	930	900	930	929	899	926	900	927	10948	
3-05	MEAN	23.6	28.4	29.1	30.1	37.1	43.5	48.2	46.6	42.1	35.2	30.1	25.3	35.0	
	S D	10.517	6.507	6.248	5.837	6.179	6.059	5.091	5.249	5.362	5.989	7.596	9.398	10.638	
	TOTAL OBS	930	846	923	900	930	900	930	930	900	927	900	930	10946	
6-08	MEAN	22.9	27.9	29.3	32.2	40.9	47.8	52.2	49.4	43.7	35.5	29.9	25.0	36.4	
	S D	10.957	6.857	6.450	5.931	6.579	6.318	4.964	5.530	5.790	6.162	7.665	9.589	12.012	
	TOTAL OBS	930	846	929	900	930	900	930	930	900	927	900	930	10952	
9-11	MEAN	26.0	31.9	34.4	37.8	45.2	51.6	56.7	54.9	50.6	43.0	35.2	28.6	41.4	
	S D	10.058	6.269	6.442	5.622	6.492	6.189	4.634	4.839	5.053	5.447	6.591	8.139	11.999	
	TOTAL OBS	929	846	929	900	930	900	930	930	899	927	900	930	10940	
12-14	MEAN	30.2	35.5	37.5	40.4	47.4	53.4	58.3	56.5	53.3	46.3	38.8	32.1	44.2	
	S D	8.125	5.922	6.463	5.410	6.214	5.604	4.340	4.626	5.013	5.657	6.386	6.820	11.073	
	TOTAL OBS	929	846	930	900	930	900	929	930	898	927	900	930	10949	
15-17	MEAN	30.9	36.1	38.0	40.9	47.8	53.6	58.5	56.7	53.6	46.5	38.5	32.1	44.5	
	S D	7.479	5.919	6.377	5.528	6.125	5.527	4.075	4.457	4.602	5.782	6.483	6.637	10.956	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	927	898	928	10949	
18-20	MEAN	27.8	33.1	35.3	38.5	46.1	52.3	57.6	55.4	51.1	42.5	34.8	28.9	42.0	
	S D	8.396	5.500	6.094	5.665	6.448	6.023	4.487	4.810	4.991	5.730	6.414	7.484	11.690	
	TOTAL OBS	930	846	929	900	930	900	930	930	900	927	897	927	10946	
21-23	MEAN	25.9	31.0	32.4	35.1	42.9	49.2	54.7	52.4	47.4	39.1	32.4	26.7	39.2	
	S D	9.411	5.617	5.883	5.456	6.540	6.085	4.969	5.166	5.146	5.600	6.769	8.480	11.540	
	TOTAL OBS	930	846	929	900	930	900	929	930	899	927	895	927	10942	
ALL HOURS	MEAN	26.5	31.7	33.3	35.9	43.4	49.7	54.7	52.7	48.3	40.7	33.9	28.1	39.9	
	S D	9.823	6.752	7.073	6.805	7.333	6.901	5.927	6.122	6.673	7.188	7.658	8.683	11.877	
	TOTAL OBS	7438	6768	7427	7200	7440	7200	7438	7439	7195	7415	7190	7432	87582	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94236 KINGSLEY FIELD OR

67-70,73-79

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-02	MEAN	20.8	25.4	25.5	26.6	34.2	40.7	45.7	44.1	39.0	32.2	27.7	22.4	32.1	
	S D	10.865	7.642	7.354	6.683	7.263	7.351	5.605	5.499	6.707	6.160	8.047	10.136	11.238	
	TOTAL OBS	930	846	928	900	930	900	930	929	899	926	900	930	10948	
3-05	MEAN	19.9	24.6	24.5	25.2	32.6	39.3	44.3	42.7	37.6	31.3	26.8	21.8	30.9	
	S D	11.441	7.880	7.497	6.701	6.888	7.067	5.396	5.734	6.260	6.307	8.343	10.473	11.129	
	TOTAL OBS	930	846	923	900	930	900	930	930	900	927	900	930	10946	
6-08	MEAN	19.2	24.2	24.7	26.6	34.7	41.6	46.4	44.3	38.5	31.6	26.8	21.7	31.7	
	S D	11.966	8.220	7.658	6.704	7.163	7.434	5.380	5.588	6.345	6.375	8.359	10.675	11.864	
	TOTAL OBS	930	846	929	900	930	900	930	930	900	927	900	930	10952	
9-11	MEAN	21.8	26.9	27.0	27.4	34.0	40.4	45.6	44.4	40.2	35.2	30.8	24.7	33.2	
	S D	10.986	7.782	7.858	7.195	7.606	8.015	6.321	6.203	7.158	6.102	7.502	9.098	10.930	
	TOTAL OBS	929	846	929	900	930	900	930	930	899	927	900	930	10950	
12-14	MEAN	24.8	28.2	27.2	26.5	32.1	38.0	42.4	41.2	37.8	34.0	31.5	26.5	32.5	
	S D	9.210	7.548	7.869	7.465	7.279	7.740	6.823	6.742	7.887	6.901	7.679	8.190	9.649	
	TOTAL OBS	929	846	930	900	930	900	929	930	898	927	900	930	10949	
15-17	MEAN	25.3	28.3	26.8	26.5	32.0	37.5	41.1	39.8	36.6	33.2	31.2	26.4	32.1	
	S D	8.796	7.462	7.933	7.726	7.138	7.841	6.966	6.860	7.709	7.278	7.843	8.134	9.344	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	927	898	928	10949	
18-20	MEAN	23.6	27.5	27.1	28.0	34.3	39.9	44.7	43.3	39.9	34.0	30.3	24.7	33.1	
	S D	9.450	7.172	7.498	6.821	7.421	8.062	6.546	6.212	6.938	6.740	7.691	8.700	10.288	
	TOTAL OBS	930	846	929	900	930	900	930	930	900	927	897	927	10946	
21-23	MEAN	22.1	26.5	26.5	28.0	35.2	41.5	46.5	44.6	39.8	33.2	28.8	23.1	33.0	
	S D	10.308	7.256	7.362	6.596	7.388	7.392	5.941	5.861	7.080	6.341	7.747	9.664	11.071	
	TOTAL OBS	930	846	929	900	930	900	929	930	899	927	895	927	10942	
ALL HOURS	MEAN	22.2	26.4	26.2	26.9	33.7	39.9	44.6	43.0	38.7	33.1	29.2	23.9	32.3	
	S D	10.634	7.766	7.697	7.049	7.356	7.745	6.410	6.316	7.128	6.646	8.113	9.598	10.744	
	TOTAL OBS	7438	6768	7427	7200	7440	7200	7438	7439	7195	7415	7190	7432	87582	

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

FEB
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-02	100.0	100.0	100.0	97.9	96.3	92.1	77.3	49.9	12.5	78.2	846
	3-05	100.0	100.0	100.0	98.1	97.0	92.8	82.2	55.4	16.3	79.5	846
	6-08	100.0	100.0	99.9	98.0	97.0	94.0	85.2	57.1	17.7	80.4	846
	9-11	100.0	100.0	99.9	96.9	93.1	84.0	62.6	33.3	8.4	73.3	846
	12-14	100.0	99.6	96.6	90.8	77.2	57.0	32.5	16.5	3.9	53.0	846
	15-17	100.0	99.4	95.3	85.6	72.7	54.4	27.4	12.5	3.4	60.8	846
	18-20	100.0	100.0	99.3	96.1	90.0	78.1	51.2	23.5	5.7	73.2	846
	21-23	100.0	100.0	99.6	97.0	95.5	89.7	72.7	38.7	10.4	75.8	846
TOTALS		100.0	99.9	98.8	95.1	89.9	80.3	61.4	35.8	9.9	72.7	6768

RELATIVE HUMIDITY

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	1-12	100.0	100.0	99.9	98.2	94.0	84.3	67.6	33.8	7.4	73.4	928
	13-25	100.0	100.0	99.9	99.2	95.8	88.4	72.4	47.5	9.7	75.9	923
	26-38	100.0	100.0	100.0	98.9	95.5	88.6	71.6	39.3	8.8	75.8	929
	39-51	100.0	100.0	99.1	91.9	75.9	55.0	30.0	12.6	1.5	62.1	929
	52-14	100.0	99.2	89.1	69.1	48.4	29.7	16.7	7.6	.9	51.7	930
	15-17	100.0	97.2	81.9	62.6	42.8	28.0	14.9	6.9	1.2	49.1	930
	18-20	100.0	99.7	95.6	85.4	67.6	49.0	27.3	13.9	2.7	59.7	929
	21-23	100.0	100.0	99.7	96.8	87.8	73.1	46.9	20.9	4.4	68.5	929
TOTALS		100.0	99.5	95.7	87.8	76.0	62.0	42.8	21.8	4.5	64.5	7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94236 KINGSLEY FIELD OR
STATION STATION NAME

68-73, 73-79
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	1-12	100.0	100.0	99.0	96.8	99.4	72.6	43.1	17.4	7.0	66.2	930
	12-24	100.0	100.0	99.8	99.0	95.8	84.1	61.0	29.6	11.0	73.9	930
	1-24	100.0	100.0	99.4	95.9	83.8	61.7	36.8	16.3	5.6	65.6	930
	1-11	100.0	98.8	85.2	60.1	31.4	14.6	5.9	1.1	.3	45.4	930
	12-14	100.0	88.3	51.9	25.4	12.7	6.1	3.0	.5		34.4	930
	15-17	100.0	79.9	48.9	25.5	14.0	6.0	2.9	1.3	.2	33.5	930
	18-20	100.0	93.9	78.2	55.4	31.8	17.2	7.0	2.3	.6	44.5	930
	21-23	100.0	99.8	97.1	87.8	69.0	40.6	22.4	7.5	2.6	58.5	930
TOTALS		100.0	95.1	82.4	68.2	53.5	37.9	22.8	9.5	3.5	53.0	7440

RELATIVE HUMIDITY

45

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	1-12	100.0	99.8	98.9	95.7	88.3	69.6	40.2	16.0	3.2	66.9	900
	13-25	100.0	100.0	99.3	98.6	95.3	85.6	63.8	31.2	9.0	74.1	900
	26-38	100.0	99.8	95.7	94.7	81.9	55.4	29.6	11.9	3.1	63.1	900
	39-51	100.0	96.8	81.8	52.6	24.3	10.3	4.8	1.9	.2	43.1	900
	52-64	100.0	82.1	44.9	18.6	10.3	4.0	2.6	.8	.1	31.9	900
	65-77	100.0	73.2	38.1	18.4	9.7	5.3	3.3	.4		30.4	900
	78-90	99.9	93.2	69.9	43.3	22.3	10.4	6.3	3.0	.6	40.5	900
	91-103	100.0	99.7	96.1	85.3	64.2	35.9	16.1	5.6	1.1	56.1	900
	104-116											
	117-129											
	130-142											
	143-155											
	156-168											
	169-181											
	182-194											
	195-207											
	208-220											
	221-233											
	234-246											
	247-259											
	260-272											
	273-285											
	286-298											
	299-311											
	312-324											
	325-337											
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	481-493											
	494-506											
	507-519											
	520-532											
	533-545											
	546-558											
	559-571											
	572-584											
	585-597											
	598-610											
	611-623											
	624-636											
	637-649											
	650-662											
	663-675											
	676-688											
	689-701											

RELATIVE HUMIDITY

333

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	1-12	100.0	100.0	99.6	96.6	89.2	67.2	35.4	10.1	1.7	65.7	930
	13-25	100.0	100.0	99.9	98.8	95.8	85.5	67.4	28.6	5.9	74.0	930
	26-38	100.0	100.0	99.9	95.2	81.8	55.2	33.5	9.5	1.9	63.0	930
	39-51	100.0	99.4	88.5	44.7	18.3	5.1	1.9	.6	.1	43.7	930
	52-64	100.0	76.5	30.6	10.0	3.2	1.2	.9	.5		28.0	929
	65-77	99.8	59.9	22.9	6.2	2.2	1.5	.6	.1		25.0	930
	78-90	100.0	91.4	68.6	29.5	9.7	4.1	2.8	1.3	.3	35.6	930
	91-23	100.0	99.8	96.9	83.9	49.5	19.5	6.6	2.3	.6	51.6	929
TOTALS		100.0	99.9	73.8	58.1	43.7	29.9	14.3	6.6	1.3	48.0	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

RELATIVE HUMIDITY

94256
STATION

KINGSLEY FIELD OR
STATION NAME

58-73,73-79
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	1-11	100.0	100.0	99.6	96.8	88.6	67.7	37.8	15.3	3.4	66.8	979
	12-15	100.0	100.0	99.8	98.9	94.8	34.3	58.3	37.3	8.9	74.2	937
	16-18	100.0	100.0	99.8	97.4	85.8	63.3	44.5	18.2	4.9	67.3	930
	19-22	100.0	98.4	83.8	51.1	29.0	14.8	5.8	2.2	.4	44.2	930
	23-24	100.0	77.8	37.5	16.2	9.5	4.8	2.3	1.2	.1	30.8	930
	25-27	99.9	61.2	28.9	15.7	9.2	4.5	3.0	1.5	.1	26.0	930
	28-30	100.0	92.9	65.9	38.3	25.8	11.7	5.8	2.6	.6	39.6	930
	31-31	100.0	99.6	97.7	84.6	50.3	29.6	18.2	6.8	1.2	54.5	930
TOTALS		100.0	91.2	76.6	62.6	48.5	35.0	25.2	9.9	2.5	57.7	7439

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/RAI

RELATIVE HUMIDITY

94236
STATION

KINGSLEY FIELD OR
STATION NAME

66-70, 73-79
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	1-12	100.0	100.0	99.7	98.5	95.4	82.9	56.7	35.6	7.3	72.9	926
	13-25	100.0	100.0	100.0	99.6	96.7	91.9	69.0	46.1	13.3	77.3	927
	26-38	100.0	100.0	100.0	99.6	97.0	89.0	68.4	46.2	14.5	77.1	927
	39-51	100.0	99.8	95.1	83.9	64.5	43.0	24.8	11.7	2.6	58.3	927
	52-64	100.0	92.2	72.8	50.7	31.1	15.6	7.7	3.5	.2	42.9	927
	65-77	99.9	86.9	64.5	45.3	28.3	17.3	9.7	4.0	.5	41.3	927
	78-90	100.0	99.5	92.2	77.9	59.7	41.9	23.3	10.0	1.1	56.3	927
	91-103	100.0	100.0	98.8	94.3	84.8	64.0	44.5	24.8	3.3	67.2	927
	104-116											
	117-129											
	130-142											
	143-155											
	156-168											
	169-181											
	182-194											
	195-207											
	208-220											
	221-233											
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	247-259											
	260-272											
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	299-311											
	312-324											
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	338-350											
	351-363											
	364-376											
	377-389											
	390-402											
	403-415											
	416-428											
	429-441											
	442-454											
	455-467											
	468-480											
	481-493											
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	546-558											
	559-571											
	572-584											
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	611-623											
	624-636											
	637-649											
	650-662											
	663-675											
	676-688											
	689-701											
	702-714											
	715-727											
	728-740											
	741-753											
	754-766											
	767-779											
	780-792											
	793-805											
	806-818											
	819-831											
	832-844											
	845-857											
	858-870											
	871-883											
	884-896											
	897-909											
	910-922											
	923-935											
	936-948											
	949-961											
	962-974											
	975-987											
	988-1000											
	TOTALS	100.0	97.3	90.4	81.2	69.4	55.6	37.9	22.6	5.4	61.7	7415

RELATIVE HUMIDITY

NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	25-27	107.0	100.0	100.0	99.4	98.9	94.6	84.6	59.0	18.9	81.1	900
	27-28	109.0	100.0	100.0	99.4	98.3	95.8	86.0	63.9	22.9	82.0	900
	28-28	110.0	100.0	100.0	99.4	98.4	96.4	87.6	63.8	22.9	82.5	900
	29-31	100.0	100.0	100.0	98.7	94.3	83.4	64.0	39.4	15.0	75.1	900
	12-14	100.0	100.0	98.4	89.2	69.2	50.9	32.4	18.4	6.4	62.1	900
	14-17	100.0	100.0	96.9	85.7	69.6	52.9	37.2	19.7	6.9	62.6	898
	18-20	100.0	100.0	100.0	98.2	94.1	84.1	64.2	38.2	11.5	74.6	897
	21-23	100.0	100.0	100.0	99.6	97.3	93.2	79.0	52.2	17.5	79.3	895
TOTALS		100.0	100.0	99.4	96.2	90.1	81.4	66.9	44.3	15.3	74.9	7197

HEAT TAC 0-57-5 JUL 8

RELATIVE HUMIDITY

DEC

MONTH	HOURS (A.M.)	PERCENTAGE FREQUENCY OF RELATIVE MINORITY GREATER THAN									MEAN RELATIVE MINORITY	TOTAL NO. OF CARS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	1-1	112.0	100.0	100.0	99.9	99.2	95.9	31.8	39.0	23.6	81.1	930
	3-5	107.0	100.0	99.9	99.8	98.8	96.1	24.3	61.5	25.1	82.1	930
	6-8	100.0	100.0	99.7	99.7	99.2	96.5	26.5	63.6	26.3	82.6	930
	9-11	100.0	99.9	99.7	99.2	97.1	91.7	76.6	53.2	19.1	79.1	930
	12-14	100.0	99.9	98.8	93.5	85.6	77.0	55.7	33.4	10.9	71.1	930
	15-17	100.7	100.0	98.6	93.8	86.9	77.4	56.3	31.8	10.1	71.2	928
	18-20	100.0	100.0	99.9	99.5	95.7	88.6	73.0	47.9	15.2	77.6	927
	21-23	105.0	100.0	99.9	99.6	97.8	92.7	78.7	53.7	17.8	79.7	927
TOTALS		100.0	100.0	99.6	98.1	95.1	89.5	74.1	50.5	18.5	76.1	745

地址: 上海南京路 100 号 电话: 021-23112345

GLOBAL CLIMATE DATA
USAF STAC
ATK. ACFT. SERVICE/MAC

RELATIVE HUMIDITY

STATION WINGSLEY FIELD OR

67-71, 73-79

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.5	97.6	93.5	73.0	42.8	15.4	77.5	7435
FEB		100.0	99.9	98.8	95.1	89.9	80.3	61.4	33.0	9.9	70.7	5732
MAR		100.0	99.5	95.7	87.8	75.0	62.0	42.8	21.6	4.5	64.5	7427
APR		100.0	97.3	89.7	77.4	63.7	47.1	28.0	12.6	2.7	57.3	7400
MAY		100.0	95.1	82.4	68.2	53.5	37.9	22.8	9.5	3.6	53.0	7441
JUN		100.0	93.1	78.5	63.3	49.5	34.5	20.8	8.9	2.2	50.8	7200
JUL		100.0	90.9	73.8	58.1	43.7	29.9	18.3	6.6	1.3	48.3	7438
AUG		100.0	91.2	76.6	62.6	48.5	35.0	23.2	9.9	2.6	50.7	7439
SEP		100.0	89.4	79.5	66.8	52.8	37.4	23.5	11.2	3.5	52.3	7195
OCT		100.0	87.3	78.4	61.2	49.4	35.6	23.9	12.6	5.4	61.7	7415
NOV		100.0	100.0	99.4	96.2	90.1	81.4	66.9	44.3	23.0	74.9	7190
DEC		100.0	100.0	99.6	98.1	95.1	89.5	74.1	50.5	18.5	78.1	7432
TOTALS		100.0	95.4	88.6	79.5	69.1	54.8	41.1	23.0	7.1	60.0	87582

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

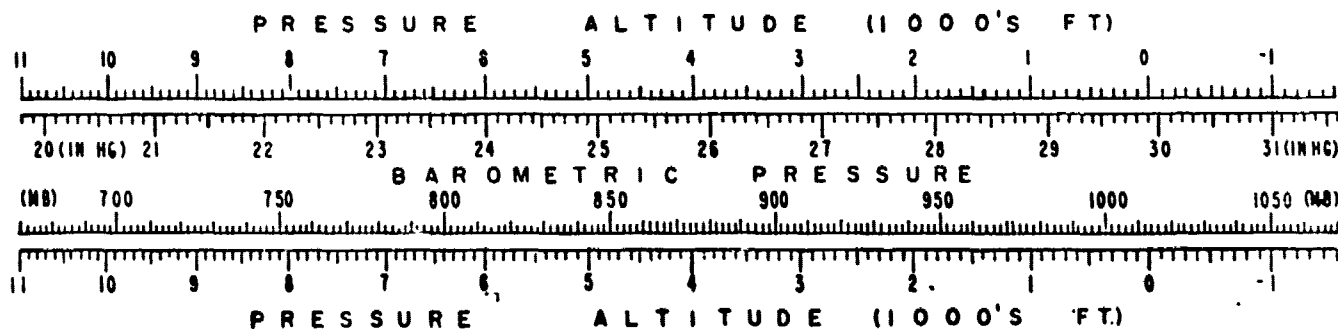
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

94236 KINGSLEY FIELD OP

67-70,73-79

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
1	MEAN	25.846	25.839	25.818	25.848	25.854	25.868	25.894	25.877	25.884	25.902	25.897	25.879	25.867											
	S D	.222	.201	.178	.145	.112	.089	.069	.075	.100	.134	.180	.206	.153											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	308	300	310	3650											
4	MEAN	25.847	25.831	25.810	25.840	25.851	25.867	25.894	25.876	25.883	25.898	25.889	25.879	25.864											
	S D	.222	.206	.182	.152	.116	.092	.071	.075	.103	.139	.184	.209	.157											
	TOTAL OBS	310	282	307	300	310	300	310	310	300	309	300	310	3648											
7	MEAN	25.848	25.834	25.825	25.858	25.866	25.880	25.911	25.894	25.902	25.911	25.901	25.883	25.876											
	S D	.222	.209	.181	.150	.118	.095	.072	.078	.105	.141	.183	.206	.157											
	TOTAL OBS	310	282	309	300	310	300	310	310	300	309	300	310	3650											
11	MEAN	25.873	25.854	25.837	25.859	25.860	25.873	25.905	25.892	25.905	25.924	25.921	25.908	25.884											
	S D	.223	.211	.180	.147	.115	.093	.073	.076	.102	.140	.184	.203	.156											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651											
13	MEAN	25.840	25.828	25.817	25.834	25.834	25.851	25.877	25.863	25.872	25.888	25.888	25.874	25.856											
	S D	.219	.207	.171	.141	.110	.091	.072	.075	.098	.133	.181	.199	.151											
	TOTAL OBS	310	282	309	300	310	300	310	310	300	309	300	310	3650											
16	MEAN	25.829	25.809	25.793	25.812	25.812	25.829	25.846	25.833	25.842	25.867	25.873	25.866	25.834											
	S D	.216	.200	.167	.136	.105	.088	.070	.073	.095	.126	.177	.198	.140											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	299	309	3649											
19	MEAN	25.834	25.818	25.802	25.817	25.820	25.837	25.852	25.837	25.850	25.879	25.883	25.875	25.842											
	S D	.217	.198	.165	.136	.104	.085	.066	.070	.095	.127	.178	.199	.148											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	299	309	3649											
22	MEAN	25.843	25.830	25.827	25.846	25.853	25.868	25.889	25.869	25.877	25.897	25.896	25.886	25.865											
	S D	.222	.203	.168	.139	.106	.086	.068	.071	.097	.131	.180	.202	.150											
	TOTAL OBS	310	282	309	300	310	300	310	310	299	309	299	309	3647											
ALL HOURS	MEAN	25.845	25.830	25.816	25.839	25.844	25.859	25.883	25.868	25.877	25.896	25.894	25.881	25.861											
	S D	.220	.204	.175	.144	.112	.091	.073	.077	.101	.135	.181	.203	.153											
	TOTAL OBS	2480	2256	2474	2400	2480	2400	2480	2480	2399	2471	2397	2477	29194											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

94236 KINGSLEY FIELD OR

67-70,73-79

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
01	MEAN	1019.9	1018.3	1017.0	1017.5	1016.3	1015.6	1015.8	1015.4	1016.4	1018.7	1020.2	1020.7	1017.7											
	S D	9.385	8.074	7.027	5.906	4.254	3.604	2.703	3.003	4.111	5.457	7.372	8.576	6.430											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	308	300	310	3650											
14	MEAN	1019.8	1018.0	1016.7	1017.4	1016.4	1015.8	1015.9	1015.5	1016.4	1018.7	1020.1	1020.7	1017.6											
	S D	9.375	8.164	7.185	6.077	4.433	3.750	2.748	3.082	4.275	5.533	7.443	8.642	6.497											
	TOTAL OBS	310	282	307	300	310	300	310	310	300	309	300	310	3648											
7	MEAN	1020.4	1018.7	1017.9	1018.3	1017.0	1016.2	1016.5	1016.4	1017.8	1020.1	1021.1	1021.3	1018.5											
	S D	9.536	8.528	7.276	6.079	4.386	3.720	2.776	3.079	4.387	5.835	7.671	8.685	6.618											
	TOTAL OBS	310	282	309	300	310	300	310	310	300	309	300	310	3650											
1	MEAN	1021.3	1019.3	1018.0	1018.1	1016.6	1015.9	1016.2	1016.1	1017.6	1020.0	1021.6	1022.2	1018.6											
	S D	9.586	8.555	7.122	5.903	4.326	3.667	2.757	3.035	4.220	5.569	7.606	8.544	6.666											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651											
13	MEAN	1019.5	1017.9	1016.9	1016.9	1015.5	1014.9	1015.0	1014.9	1016.0	1018.2	1019.9	1020.6	1017.2											
	S D	9.215	8.210	6.749	5.619	4.151	3.642	2.739	3.012	4.013	5.217	7.358	8.283	6.360											
	TOTAL OBS	310	282	310	300	310	300	309	310	300	309	300	310	3650											
16	MEAN	1019.1	1017.1	1016.0	1016.2	1014.8	1014.3	1014.0	1013.8	1014.8	1017.4	1019.4	1020.3	1016.4											
	S D	9.001	7.933	6.505	5.397	3.986	3.571	2.676	3.002	3.960	5.057	7.213	8.198	6.277											
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	299	309	3649											
19	MEAN	1019.8	1018.0	1016.9	1016.7	1015.1	1014.5	1014.2	1014.2	1015.8	1018.7	1020.3	1021.1	1017.1											
	S D	9.219	8.058	6.527	5.420	3.880	3.420	2.581	2.885	4.012	5.257	7.443	8.379	6.441											
	TOTAL OBS	310	282	310	300	309	300	310	310	300	309	299	309	3648											
22	MEAN	1020.1	1018.3	1017.5	1017.5	1016.3	1015.7	1015.5	1015.2	1016.5	1019.0	1020.5	1021.4	1017.8											
	S D	9.429	8.185	6.653	5.596	4.024	3.489	2.601	2.929	4.044	5.370	7.497	8.494	6.411											
	TOTAL OBS	310	282	309	300	310	300	310	310	299	309	298	309	3646											
ALL HOURS	MEAN	1020.0	1018.2	1017.1	1017.3	1016.0	1015.4	1015.4	1015.2	1016.4	1018.9	1020.4	1021.0	1017.6											
	S D	9.351	8.225	6.903	5.786	4.242	3.664	2.829	3.113	4.221	5.471	7.469	8.484	6.497											
	TOTAL OBS	2480	2256	2475	2400	2479	2400	2479	2480	2399	2471	2396	2477	29192											